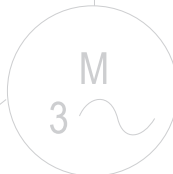
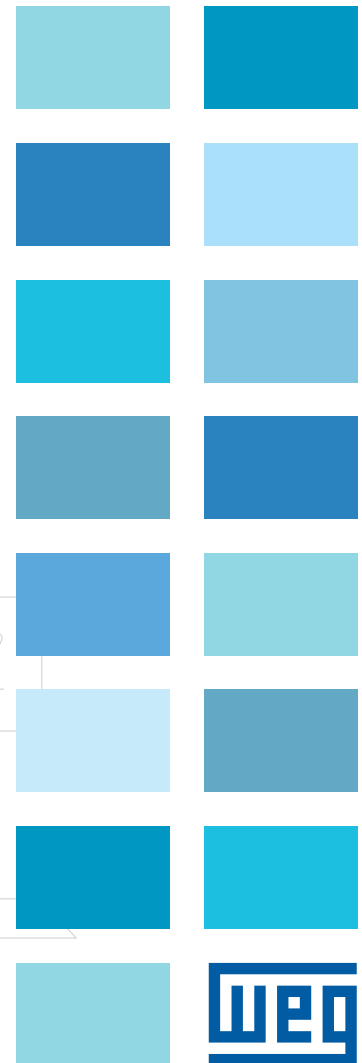
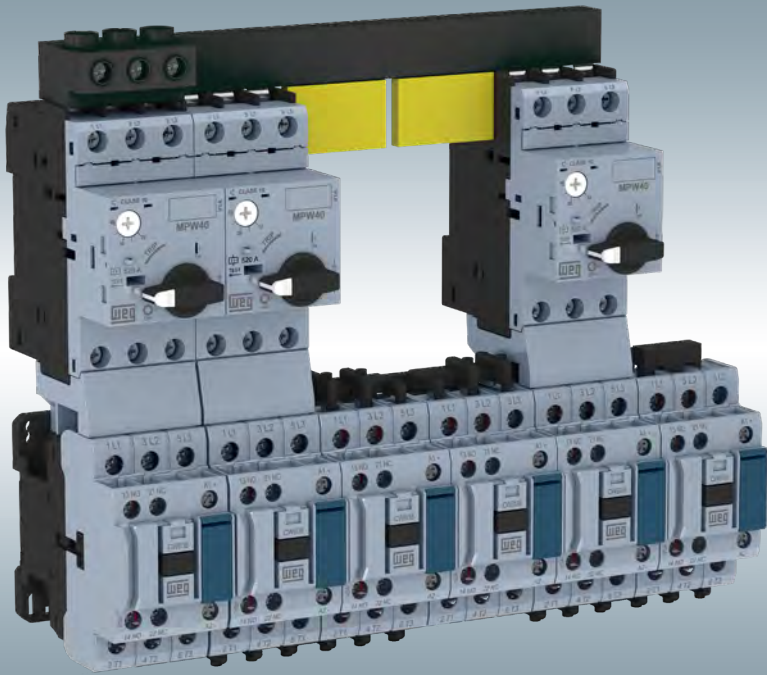


# Automation

## Price List - Controls VJP-Controls-2021-R1



**PAMENSKY**



# PRICE LIST - CONTROLS

Region: Canada

**Price List - Controls**

VJP-Controls-2021-R1

Restricted copy

This list cancels and replaces the price list

**Issued by:**

V.J. Pamensky Canada Inc.

**Valid from:**

October 27, 2021



## Terms and Conditions of Sale – V.J. Pamensky Canada Inc.

1. **EXCLUSIVE CONDITIONS OF SALE:** Any Price List, Quotation or Order is subject to terms and conditions contained here-in and supersedes Buyer's Specification and/or Purchase Order. Seller will recognize no modifications or additions to these conditions unless specifically agreed to in writing by Seller. Failure of Seller to object to provisions contained in the Purchaser's Order or any other communication from Buyer shall not be construed as a waiver of these conditions or an acceptance of any such provisions. If Buyer places an Order with Seller based on Seller's Quotation, whether the Order is placed in writing or orally, then the Quotation (including Seller's terms and conditions) and the Seller's acceptance of the Order will constitute the entire contract between Buyer and Seller with respect to the subject matter thereof notwithstanding any terms and conditions inconsistent with these terms and conditions on any of Buyer's forms or correspondence. All orders, sales contracts and other documentation between Buyer and Seller shall become effective only when approved and accepted by the Seller.

2. **PRICES:** Prices quoted herein are based upon presently prevailing duties, rates of duties, taxes, special assessments, monetary exchange and freight as applied to materials and/or equipment purchased or imported by Seller. Seller reserves the right to amend the price(s) in this quotation where variations in regulated costs such as rate of duties, taxes, special assessments, monetary exchange and freight between the date of quotation and date of delivery are deemed significant by the Seller.

3. **TERMS OF PAYMENT:** The standard terms of payment are Net-30 Days from date of invoice, with a service and interest charge of 1-1/2% per month (18% per annum) on past due invoices applying. If Buyer defaults in any payment when due or refuses to accept delivery or becomes insolvent, the Seller at its option, without prejudice to other lawful remedies, may defer deliveries or cancel the remainder of the order.

Equipment held for Buyer shall be at the risk and expense of Buyer and payment shall become due from the date of which Seller is prepared to make shipment. Printed terms on face of our Quotation will take precedence.

4. **TITLE:** Title to the goods covered by this Quotation and the right to immediate possession thereof shall remain with the Seller until the purchase price is paid in full and Buyer hereby grants to Seller a security interest in the equipment (and all proceeds thereof) to secure the Buyer's obligation to pay for the equipment.

5. **CERTIFICATIONS AND TAXES:** Prices do not include sales, use or other similar federal, state or local taxes. Any certification for special duty or tax rate must be supplied at time of order. A service charge will be applied on any credit notes necessitated by the Buyer not providing proper certification at time of order.

Exception from taxes extended to the buyer does not prejudice our right to charge the buyer with taxes plus any penalties assessed at any subsequent date should the taxing authorities determine that the equipment is taxable.

6. **PENALTIES AND DELAYS:** No penalty clause of any kind, in any specification of order will be effective unless specifically approved in writing by Seller. Seller shall not be liable for any damage, expenses or consequential damages caused by delays beyond Seller's control including without limiting the generality of the foregoing; fire, strike, act of the Buyer, restriction by civil or military authority, Act of God, transportation failures or inability to obtain labor, materials or manufacturing facilities. In the event of any such delay, the date of delivery shall be extended for a period equal to the time lost by reason of the delay.

7. **CANCELLATION:** Orders once accepted are not subject to cancellation unless on terms that will indemnify Seller against loss and/or expenses incurred.

8. **SHIPMENT:** Unless otherwise specified in writing, all shipments are EX-WORKS (Incoterms 2000) Seller's shop, in which case Seller is not responsible for damage, apparent or concealed, or loss in transit and all claims on "collect" shipments must be made by Buyer direct to the carrier. Seller will assist insofar as practical in securing satisfactory adjustment to reasonable claims.

9. **ACCEPTANCE, INSPECTION:** By virtue of Buyer issuing an order for equipment in accordance with this Quotation, he also accepts Seller's Terms and Conditions as part of the order. Buyer shall inspect the goods immediately upon the receipt thereof. All claims by Buyer (including claims for shortages), except only those provided for under the WARRANTY clauses below, must be asserted in writing by Buyer within a 10 day period or they are waived. If this contract involves partial performances, all such claims must be asserted within a 10-day period for each partial performance.

### 10. WARRANTY:

(a) Equipment. WEG warrants the Equipment (excluding software) against defects in material and workmanship for a period expiring on the earlier of twelve (12) months after installation or eighteen (18) months from date of shipment.

(b) Services. WEG warrants Services against defects in workmanship for a period of ninety (90) days from the date of completion of such Services.

## Terms and Conditions of Sale – V.J. Pamensky Canada Inc.

- (c) Parts. If applicable to the scope of WEG's work hereunder, WEG further warrants: (i) spare parts and components sold by WEG against defects in material and workmanship for a period of twelve (12) months after shipment and (ii) repaired or refurbished parts repaired by WEG against defects in material and workmanship for a period of ninety (90) days after shipment, unless repaired pursuant to an original Equipment warranty, in which case the repair is warranted for the time remaining of the original warranty period.
- (d) Software. If software developed by WEG is furnished hereunder, WEG's sole warranty of such software is that, except as specified below, it will execute in accordance with WEG's published specification when properly installed. The warranty period shall be one (1) year from date of shipment. If the software does not meet the above warranty and if the Purchaser promptly notifies WEG and provides the description of the error and complete information about the manner of its discovery, WEG shall thereupon correct any defect or error by (at its option): (i) modifying or making available to the Purchaser instructions for modifying any erroneous program; or (ii) making available at WEG's facility corrected or replacement programs. The foregoing warranty shall not apply to defects resulting from unauthorized modification or Purchaser-supplied software or interfacing. WEG does not warrant that the functions contained in the software will operate in combinations which may be selected for use by the Purchaser, or that the software products are free from errors in the nature of what is commonly categorized by the computer industry as "bugs".
- (e) Remedies. Should any failure to conform with the applicable warranties appear during the specified periods under normal and proper use and provided the Equipment has been properly stored, installed, operated and maintained, and if given prompt written notice by Purchaser, WEG shall correct such nonconformity by, at its option, (i) repair or replacement of the nonconforming Equipment or parts thereof, or (ii) refund of the purchase price of the nonconforming Equipment or parts thereof, or (iii) in the case of nonconforming Services, provide equivalent Services at the job site or refund the price therefor. Repairs or replacements pursuant to warranty shall not renew or extend the applicable original warranty period, provided however, that any such repairs or replacement of Equipment or parts thereof shall be warranted for the time remaining of the original warranty period or 30 days, whichever is longer. Purchaser shall be responsible for providing free and clear working access to repair or replace the defect or nonconforming Equipment, including de-energizing and reenergizing the Equipment and any necessary disassembly and re-assembly of other equipment or structures, and for providing transportation to and from repair or factory facility, all of which shall be at Purchaser's risk and expense.
- (f) These warranties shall not apply to any Equipment or parts thereof which (i) have been improperly repaired or altered; (ii) have been subjected to misuse, negligence or accident; (iii) have been used in a manner contrary to WEG's instructions; (iv) are comprised of materials provided or design stipulated by Purchaser; (v) are used equipment; or (vi) result from normal wear and tear.
- (g) THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY AND PERFORMANCE, WRITTEN, ORAL OR IMPLIED, AND V.J. Pamensky Canada Inc. HEREBY DISCLAIMS ALL OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.
- (h) Correction of nonconformities in the manner and for the period of time provided above shall be Purchaser's sole and exclusive remedy for any failure of WEG/ V.J. Pamensky Canada Inc to comply with its obligations hereunder.

11. **DAMAGES:** Subject to the balance of the provisions of this clause, Seller shall only be liable for the cost of replacement of any defective Equipment provided hereunder. Seller shall not be liable to the Buyer in any circumstances for any incidental, special, consequential or indirect damages, including but not limited to loss of profits or revenue, loss of use of equipment and facilities, and claims by or payments to customers, suppliers or other parties who have a relationship with the Buyer. This disclaimer applies to consequential damages based upon any cause of action whatever asserted against Seller including causes of action arising out of any breach of warranty, express or implied, guarantee, product liability, negligence, tort, or any other cause pertaining to the performance or non-performance of this Quotation or contract by Seller and the Buyer hereby waives any right to claim punitive, aggravated or exemplary damages with respect to a breach of this Quotation or the performance or non-performance of the Equipment, and whether such claim is founded in contract, tort or otherwise. Seller shall not be responsible for losses or damages arising out of the negligence of the Buyer, its' employees, agents or third-party contractors. In no event will Sellers maximum liability to the Purchaser in connection with the Equipment, including without limitation resulting from breach of contract or any other performance or non-performance of this Quotation or contract, exceed the amount of the purchase price paid to Seller hereunder.

12. **Nuclear Liability:** In the event that the Equipment or parts sold hereunder are to be used in a nuclear facility, the Purchaser shall, prior to such use, arrange for insurance or a governmental indemnity protecting WEG against liability and hereby releases and agrees to indemnify WEG and its suppliers from any nuclear damage, which in any manner arises out of a nuclear incident, whether alleged to be due, in whole or in part, to the negligence of WEG or its suppliers.

## Terms and Conditions of Sale – V.J. Pamensky Canada Inc.

### 13. **Software License:**

(a) If software is furnished as part of the sale made hereunder, Purchaser obtains a limited license to use certain proprietary software identified in WEG's proposal, subject to the following: (i) the software may be used only in conjunction with equipment specified by WEG, (ii) the software is to be kept strictly confidential, (iii) the software shall not be copied, reverse engineered, or modified, (iv) the Purchaser's right to use the software shall become effective upon delivery and shall continue until the related equipment is no longer used by the Purchaser or until otherwise terminated hereunder, and (v) the rights to use the software are non-exclusive, and nontransferable, except with WEG's prior written consent.

(b) Nothing contained in this Agreement shall be deemed to convey any title to or ownership in the software or the intellectual property contained therein in whole or in part to Purchaser, nor to designate the software a "work made for hire" under the Copyright Act, nor to confer upon any person who is not a named party to this Agreement any right or remedy under or by reason of this Agreement. In the event of termination of this License, Purchaser shall immediately cease using the software and without retaining any copies, notes or excerpts thereof, return to WEG the software and all copies thereof and shall remove all machine readable software from all of Purchaser's storage media.

14. **RETURNING EQUIPMENT:** No equipment is to be returned without first obtaining from Seller shipping instructions and a return material identification number and agreement in writing as to terms. Returned equipment, which Seller elects to accept for credit is subject to reasonable handling and restocking charge commensurate with the policy of the manufacturer plus all charges incurred by Seller. Seller is not responsible for equipment that is returned without complying with the foregoing. Equipment is returned at the expense and risk of the Buyer. Returned equipment must be in the original packaging and unused.

15. **PRIVILEGE AND LIEN RIGHTS:** Seller retains all lien rights with regard to the equipment in accordance with any Builder's Lien Act, Mechanic's Lien Act, Builder and Works Act or other legislation passed pursuant to or in replacement thereof.

16. **BACK CHARGES:** Seller will accept no back charges for any reason without Seller's written permission to incur such back charges.

17. **TECHNICAL ADVICE:** Any technical advice furnished or recommendation made by Seller or any representative of Seller concerning any use or application of any of the goods is believed to be reliable, but SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, and ON RESULTS TO BE OBTAINED. BUYER ASSUMES ALL RESPONSIBILITY FOR LOSS OR DAMAGE RESULTING FROM THE HANDLING OR USE OF ANY OF THE GOODS.

18. **INVALIDITY:** If any provision of this contract shall be found to be invalid or illegal by reason of any determination made by a court of competent jurisdiction or any governmental authority having jurisdiction in the circumstances, such provisions shall be severed from this contract to the extent of such invalidity or illegality and the validity, legality or enforceability of the remaining provisions of this contract shall not in any way be affected or impaired thereby. Waiver of any default shall not be a waiver of any other or subsequent default.

19. **GST NUMBER:** V.J. Pamensky Canada Inc. GST Number is 105553648.

20. **APPLICABLE LAWS AND FORUM:** This contract shall be interpreted in accordance with and shall be governed by the laws of the Province of Ontario, and the parties agree that any disputes hereunder or with respect to this quotation or the resulting contract between the parties shall be determined exclusively by the Courts in the Province of Ontario, and the parties hereby expressly attorn to the exclusive jurisdiction of the Courts in the Province of Ontario.

21. **LANGUAGE:** The parties acknowledge that they have required that this contract and all related documents be prepared in English. Les parties reconnaissent avoir exigé que la présente convention et tous les documents connexes soient rédigés en anglais. If the Buyer requests, a French version of this agreement will be used.

22. **LIABILITY:** Notwithstanding anything to the contrary herein contained, the Liability of the Seller under any circumstances whatsoever and without exception shall be limited to the Purchase Price of the particular item forming part of the goods.

23. **Entire Agreement:** This Agreement constitutes the entire agreement between V.J. Pamensky Canada Inc. and Purchaser, and there are no agreements, understandings, restrictions, warranties, or representations between V.J. Pamensky Canada Inc. and Purchaser other than those set forth or provided for herein.





Book 1 - Motor Starters and Protection

1

Book 2 - Pushbuttons and Pilot Lights

2

Book 3 - Circuit Protection

3

Book 4 - Capacitors

4

Book 5 - Terminal Blocks

5

Book 6 - Power Supplies

6

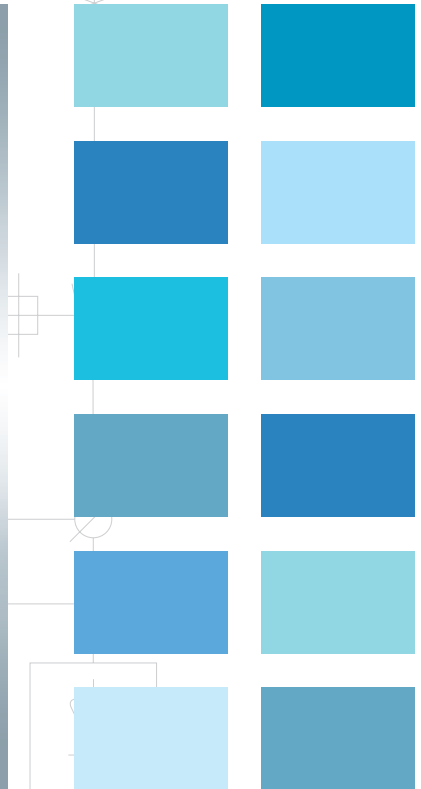
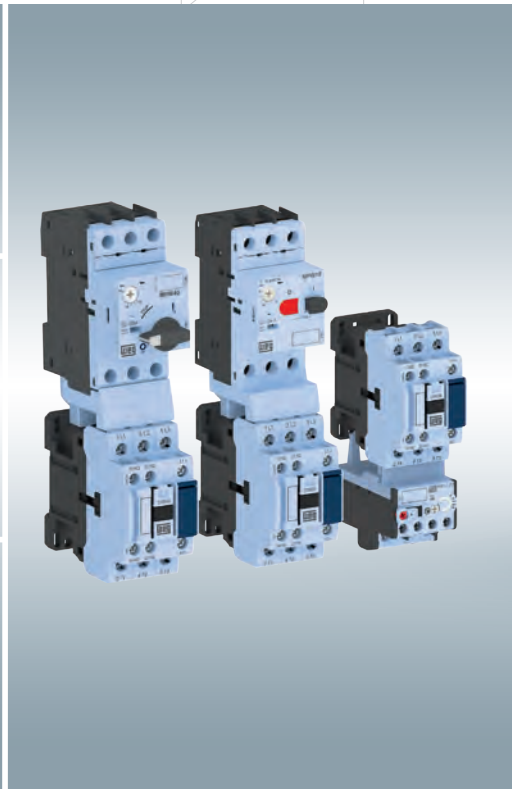
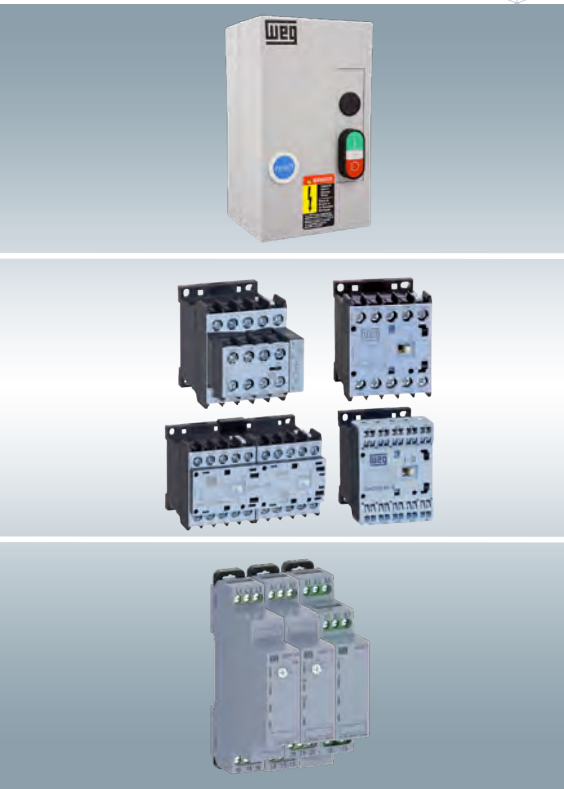
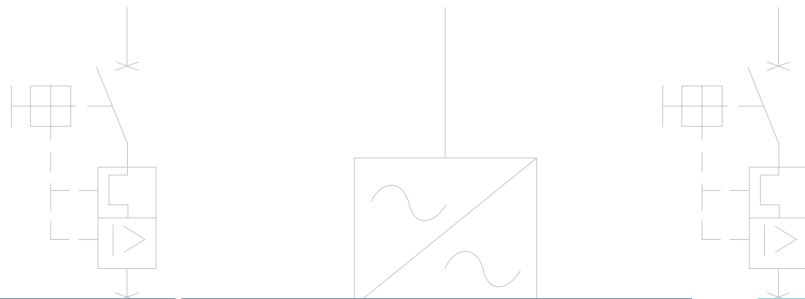
Book 7 - Machine Safety

7



# Automation

## Book 1 - Motor Starters and Protection



**PAMENSKY**





## Summary

3-Pole Compact Contactors .....	1-4
3-Pole CWB Contactors.....	1-11
3-Pole CWM Contactors .....	1-12
NEMA Ratings 3-Pole Contactors .....	1-14
Contactors for Safety Application.....	1-15
Control Relays.....	1-17
2-Pole Contactors.....	1-19
4-Pole Compact Contactors .....	1-20
4-Pole Contactors .....	1-22
Contactors for Capacitor Switching - CWBC .....	1-23
Contactors for Capacitor Switching - CWMC.....	1-24
Accessories for Compact Contactors .....	1-25
Accessories for CWB Contactors.....	1-29
Spare Parts for CWB Contactors .....	1-31
Accessories for CWM Contactors .....	1-32
Accessories for 4-Pole Contactors.....	1-36
3-Pole RW17-D Bimetallic Overload Relays - Class 10 - For CWC0 Contactors .....	1-36
3-Pole Bimetallic Overload Relays - Class 10 - For CWB Contactors.....	1-37
3-Pole Solid State Overload Relays - For CWB Contactors.....	1-37
3-Pole Bimetallic Overload Relays - Class 10 - For CWM Contactors .....	1-38
3-Pole Solid State Overload Relays - For CWM Contactors .....	1-38
2-Pole Bimetallic Overload Relays - Class 10 - For CWC0 Contactors .....	1-39
2-Pole Bimetallic Overload Relays - Class 10 - For CWB Contactors .....	1-40
2-Pole Bimetallic Overload Relays - Class 10 - For CWM Contactors .....	1-40
Accessories for Overload Relays.....	1-41
Manual Motor Protector MPW12 Series - Spring Type .....	1-42
Manual Motor Protector MPW18 Series - Screw Type.....	1-43
Manual Motor Protector MPW40 Series - Screw Type.....	1-44
Manual Motor Protector MPW80 Series - Screw Type .....	1-45
Manual Motor Protector MPW100 Series - Screw Type.....	1-45
Accessories - MPW12, MPW18, MPW40 and MPW80 .....	1-46
Accessories - MPW12, MPW18 and MPW40.....	1-48
Accessories - MPW40, MPW65, MPW80 and MPW100.....	1-49
Accessories - MPW12, MPW18, MPW40, MPW65 and MPW80 .....	1-51
Non-Combination Enclosed Starters.....	1-52
Combination Enclosed Starters.....	1-75
UL Empty Boxes .....	1-76
Multifunction Electronic Timing Relays .....	1-77
Multifunction Three-Phase Monitoring Relays .....	1-77
Electronic Timing Relays (17.5 mm Wide).....	1-78
Electronic Timing Relays (17.5 mm Wide) - Single Timing .....	1-81
Timing Relays & Protection Relays .....	1-83
Electronic Monitoring Relays (17.5 mm Wide) .....	1-86
Timing Relays & Protection Relays .....	1-87
Accessories for Timing Relays & Protection Relays .....	1-87
Level Relays RNW Series .....	1-88
Electronic Impulse Relay - RIEW .....	1-88
Smart Relay .....	1-89
Smart Relay - Accessories.....	1-90

1

2

3

4

5

6

7

# 3-Pole Compact Contactors

## Compact Contactors CWC0 Series - Screw Type



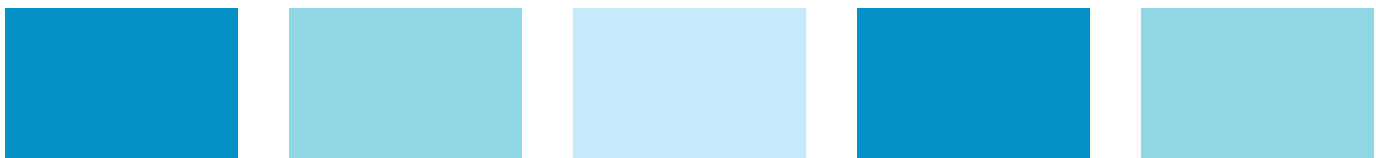
### Non-Reversing Compact Contactors CWC0 - 7 to 22 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	208-240 V	240 V	480 V	600 V	
	V04	V10	V18	V23	V24	V30	V47	V56	
CWC07-10-30 ▲	12486545	12679838	12487363	12679866	12679886	12679877	12679914	12679923	\$ 41
CWC07-01-30 ▲	12486546	12679839	12679847	12679867	12679887	12679878	12679915	12679924	\$ 41
CWC09-10-30 ▲	12486547	12679840	12679858	12679868	12487290	12679879	12679916	12679925	\$ 45
CWC09-01-30 ▲	12486608	12679841	12679859	12679869	12679908	12679880	12679917	12679926	\$ 45
CWC012-10-30 ▲	12486609	12679842	12679860	12679870	12679909	12679881	12679918	12679927	\$ 46
CWC012-01-30 ▲	12486610	12679843	12679861	12679871	12679910	12679882	12679919	12679938	\$ 46
CWC016-10-30 ▲	12486611	12679844	12679863	12679873	12679911	12679883	12679920	12679939	\$ 48
CWC016-01-30 ▲	12486612	12679845	12679864	12679874	12679912	12679884	12679921	12679940	\$ 48
CWC025-00-30 ▲	12486674	12679846	12679865	12679876	12679913	12679885	12679922	12679941	\$ 60

### Non-Reversing Compact Contactors CWC0 - 7 to 16 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWC07-10-30 ▲	12942644	12486689	Upon request	12486698	\$ 52
CWC07-01-30 ▲	13418613	12486690	Upon request	12486699	\$ 52
CWC09-10-30 ▲	13734123	12486691	Upon request	12486700	\$ 57
CWC09-01-30 ▲	14061143	12486692	Upon request	12486702	\$ 57
CWC012-10-30 ▲	12487360	12486694	Upon request	12486703	\$ 57
CWC012-01-30 ▲	13695894	12486695	Upon request	12486704	\$ 57
CWC016-10-30 ▲	13285040	12486696	Upon request	12486705	\$ 61
CWC016-01-30 ▲	13804126	12486697	Upon request	12486706	\$ 61

Note: ▲ - Smart code of the rated voltage.



# 3-Pole Compact Contactors

## Compact Contactors CWC0 Series - Screw Type



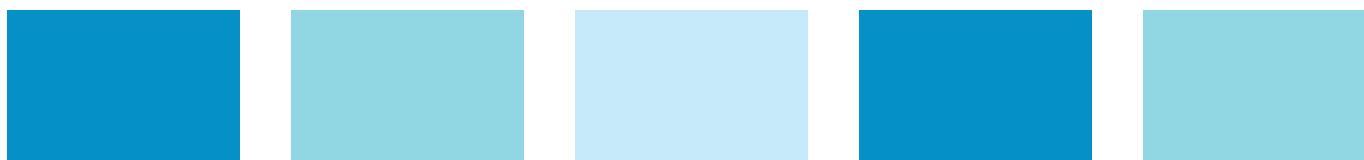
### Non-Reversing Compact Contactors CWC0 - 7 to 16 A - Low Consumption DC Coil<sup>1)</sup>

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWC07-10-30 ▲	13181182	12486719	Upon request	Upon request	\$ 53
CWC07-01-30 ▲	13181181	12486720	Upon request	Upon request	\$ 53
CWC09-10-30 ▲	13181235	12486722	Upon request	Upon request	\$ 58
CWC09-01-30 ▲	13181234	12486723	Upon request	Upon request	\$ 58
CWC012-10-30 ▲	13181237	12486725	Upon request	Upon request	\$ 59
CWC012-01-30 ▲	13181236	12486726	Upon request	Upon request	\$ 59
CWC016-10-30 ▲	13181282	12486727	Upon request	Upon request	\$ 62
CWC016-01-30 ▲	13181281	12486729	Upon request	Upon request	\$ 62

### Non-Reversing Compact Contactors CWC0 - 7 to 16 A - 0.75 x Uc - DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	R02	R03	R06	R12	
CWC07-10-30 ▲	Upon request	12950255	Upon request	14156516	\$ 54
CWC07-01-30 ▲	Upon request	13271239	Upon request	Upon request	\$ 54
CWC09-10-30 ▲	Upon request	13271244	Upon request	Upon request	\$ 60
CWC09-01-30 ▲	Upon request	13271243	Upon request	Upon request	\$ 60
CWC012-10-30 ▲	Upon request	13271124	Upon request	Upon request	\$ 60
CWC012-01-30 ▲	Upon request	Upon request	Upon request	Upon request	\$ 60
CWC016-10-30 ▲	Upon request	13271126	Upon request	Upon request	\$ 64
CWC016-01-30 ▲	Upon request	Upon request	Upon request	Upon request	\$ 64

Note / Nota: 1) Maximum of 2 auxiliary contacts per compact contactor.  
▲ - Smart code of the rated voltage.



## 3-Pole Compact Contactors

### Compact Contactors CWC0 Series - Screw Type



#### Compact Contactors CWC0 Series with Mechanical Interlock - 7 to 16 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWCIO7-10-30 ▲	13473595	Upon request	Upon request	Upon request	12680878	Upon request	Upon request	Upon request	\$ 92
CWCIO7-01-30 ▲	13312007	13058118	13511137	Upon request	12680879	Upon request	Upon request	Upon request	\$ 92
CWCIO9-10-30 ▲	Upon request	Upon request	13492551	Upon request	12680880	Upon request	Upon request	Upon request	\$ 99
CWCIO9-01-30 ▲	13288822	Upon request	14331973	Upon request	12680881	Upon request	Upon request	Upon request	\$ 99
CWCIO12-10-30 ▲	14097182	14443255	Upon request	Upon request	12680882	Upon request	Upon request	Upon request	\$ 101
CWCIO12-01-30 ▲	13712707	Upon request	Upon request	Upon request	12680883	Upon request	Upon request	Upon request	\$ 101
CWCIO16-10-30 ▲	Upon request	13682222	13860497	Upon request	12680884	14449171	Upon request	Upon request	\$ 105
CWCIO16-01-30 ▲	13855518	13568894	12487391	Upon request	12680886	Upon request	Upon request	Upon request	\$ 105

#### Compact Contactors CWC0 Series with Mechanical Interlock - 7 to 16 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWCIO7-10-30 ▲	Upon request	12680889	Upon request	Upon request	\$ 112
CWCIO7-01-30 ▲	Upon request	12680890	Upon request	Upon request	\$ 112
CWCIO9-10-30 ▲	Upon request	12680891	Upon request	13443598	\$ 123
CWCIO9-01-30 ▲	Upon request	12680892	Upon request	Upon request	\$ 123
CWCIO12-10-30 ▲	Upon request	12680893	Upon request	Upon request	\$ 124
CWCIO12-01-30 ▲	Upon request	12680894	Upon request	Upon request	\$ 124
CWCIO16-10-30 ▲	Upon request	12680895	Upon request	Upon request	\$ 131
CWCIO16-01-30 ▲	Upon request	12680896	Upon request	Upon request	\$ 131

#### Compact Contactors CWC0 Series with Mechanical Interlock - 7 to 16 A - Low Consumption DC Coil<sup>1)</sup>

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWCIO7-10-30 ▲	N/A	Upon request	Upon request	Upon request	\$ 115
CWCIO7-01-30 ▲	N/A	Upon request	Upon request	Upon request	\$ 115
CWCIO9-10-30 ▲	N/A	Upon request	Upon request	Upon request	\$ 126
CWCIO9-01-30 ▲	N/A	Upon request	Upon request	Upon request	\$ 126
CWCIO12-10-30 ▲	N/A	Upon request	Upon request	Upon request	\$ 126
CWCIO12-01-30 ▲	N/A	Upon request	Upon request	Upon request	\$ 126
CWCIO16-10-30 ▲	N/A	Upon request	Upon request	Upon request	\$ 134
CWCIO16-01-30 ▲	N/A	13871909	Upon request	Upon request	\$ 134

Note: 1) Maximum of 2 auxiliary contacts per miniature contactor.

▲ - Smart code of the rated voltage.



# 3-Pole Compact Contactors

## Compact Contactors CWC0 Series - Screw Type



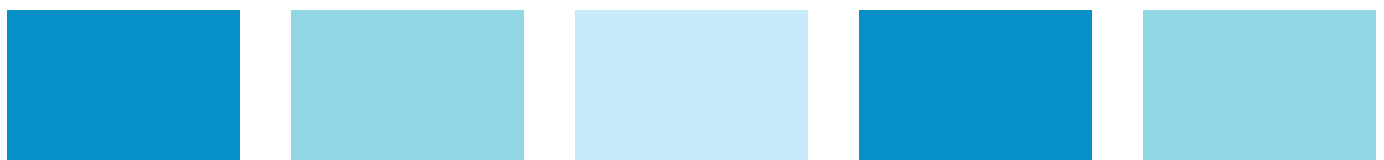
### Compact Contactors CWC0 Series with Latch Block - 7 to 16 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWCH07-10-30 ▲	Upon request	Upon request	14288619	Upon request	12680923	Upon request	Upon request	Upon request	\$ 85
CWCH07-01-30 ▲	Upon request	Upon request	Upon request	Upon request	12680924	Upon request	Upon request	Upon request	\$ 85
CWCH09-10-30 ▲	Upon request	Upon request	Upon request	Upon request	12680925	Upon request	Upon request	Upon request	\$ 91
CWCH09-01-30 ▲	Upon request	Upon request	Upon request	Upon request	12680926	Upon request	Upon request	Upon request	\$ 91
CWCH012-10-30 ▲	Upon request	Upon request	Upon request	Upon request	12680927	Upon request	Upon request	Upon request	\$ 94
CWCH012-01-30 ▲	Upon request	Upon request	Upon request	Upon request	12680928	Upon request	Upon request	Upon request	\$ 94
CWCH016-10-30 ▲	Upon request	Upon request	Upon request	Upon request	12680929	Upon request	Upon request	Upon request	\$ 97
CWCH016-01-30 ▲	Upon request	Upon request	Upon request	Upon request	12680930	Upon request	Upon request	Upon request	\$ 97

### Compact Contactors CWC0 Series with Latch Block - 7 to 16 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWCH07-10-30 ▲	Upon request	12680931	Upon request	Upon request	\$ 104
CWCH07-01-30 ▲	Upon request	12680932	Upon request	14356640	\$ 104
CWCH09-10-30 ▲	Upon request	12680933	Upon request	Upon request	\$ 114
CWCH09-01-30 ▲	Upon request	12680934	Upon request	Upon request	\$ 114
CWCH012-10-30 ▲	Upon request	12680935	Upon request	Upon request	\$ 114
CWCH012-01-30 ▲	Upon request	12680936	Upon request	Upon request	\$ 114
CWCH016-10-30 ▲	Upon request	12680937	Upon request	Upon request	\$ 121
CWCH016-01-30 ▲	Upon request	12680948	Upon request	Upon request	\$ 121

Note: ▲ - Smart code of the rated voltage.



## 3-Pole Compact Contactors

### Compact Contactors CWC0 Series - Screw Type

#### Compact Contactors CWC0 Series for Printed Circuit Board - 7 to 16 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWC07-10-30 ▲ I	Upon request	Upon request	Upon request	Upon request	12681739	Upon request	Upon request	Upon request	\$ 57
CWC07-01-30 ▲ I	Upon request	Upon request	Upon request	Upon request	12681740	Upon request	Upon request	Upon request	\$ 57
CWC09-10-30 ▲ I	Upon request	Upon request	Upon request	Upon request	12681741	Upon request	Upon request	Upon request	\$ 60
CWC09-01-30 ▲ I	13291000	Upon request	Upon request	Upon request	12681744	Upon request	Upon request	Upon request	\$ 60
CWC012-10-30 ▲ I	14323763	Upon request	Upon request	Upon request	12681745	Upon request	Upon request	Upon request	\$ 62
CWC012-01-30 ▲ I	Upon request	Upon request	Upon request	Upon request	12681746	Upon request	Upon request	Upon request	\$ 62
CWC016-10-30 ▲ I	13908929	Upon request	Upon request	Upon request	12681747	Upon request	Upon request	Upon request	\$ 64
CWC016-01-30 ▲ I	Upon request	Upon request	Upon request	Upon request	12681758	Upon request	Upon request	Upon request	\$ 64

#### Compact Contactors CWC0 Series for Printed Circuit Board - 7 to 16 A - Regular DC Coil

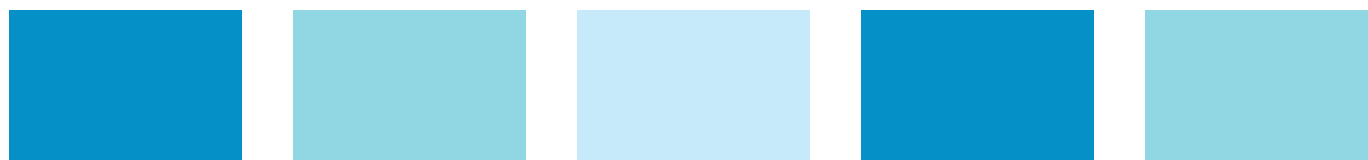
Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWC07-10-30 ▲ I	Upon request	12681759	Upon request	Upon request	\$ 68
CWC07-01-30 ▲ I	Upon request	12681760	Upon request	Upon request	\$ 68
CWC09-10-30 ▲ I	Upon request	12681761	Upon request	Upon request	\$ 73
CWC09-01-30 ▲ I	Upon request	12681762	Upon request	Upon request	\$ 73
CWC012-10-30 ▲ I	Upon request	12681763	Upon request	Upon request	\$ 73
CWC012-01-30 ▲ I	Upon request	12681764	Upon request	Upon request	\$ 73
CWC016-10-30 ▲ I	Upon request	12681765	Upon request	Upon request	\$ 77
CWC016-01-30 ▲ I	Upon request	12681766	Upon request	Upon request	\$ 77

#### Compact Contactors CWC0 Series for Printed Circuit Board - 7 to 16 A - Low Consumption DC Coil<sup>1)</sup>

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWC07-10-30 ▲ I	N/A	12486765	N/A	Upon request	\$ 69
CWC07-01-30 ▲ I	N/A	12486767	N/A	Upon request	\$ 69
CWC09-10-30 ▲ I	N/A	12486778	N/A	Upon request	\$ 74
CWC09-01-30 ▲ I	N/A	12486780	N/A	Upon request	\$ 74
CWC012-10-30 ▲ I	N/A	12486781	N/A	Upon request	\$ 74
CWC012-01-30 ▲ I	N/A	12486782	N/A	Upon request	\$ 74
CWC016-10-30 ▲ I	N/A	12486783	N/A	Upon request	\$ 78
CWC016-01-30 ▲ I	N/A	12486784	N/A	Upon request	\$ 78

Note: 1) Maximum of 2 auxiliary contacts per compact contactor.

▲ - Smart code of the rated voltage.



# 3-Pole Compact Contactors

## Compact Contactors CWC0 Series - Spring Type<sup>1)</sup>

### Non-Reversing Compact Contactors CWC0 Series - 7 to 12 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWC07-10-30 ▲ S	14220093	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CWC07-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CWC09-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 54
CWC09-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 54
CWC012-10-30 ▲ S	14219612	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 55
CWC012-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 55

### Non-Reversing Compact Contactors CWC0 Series - 7 to 12 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWC07-10-30 ▲ S	Upon request	12681949	Upon request	Upon request	\$ 62
CWC07-01-30 ▲ S	Upon request	12681951	Upon request	Upon request	\$ 62
CWC09-10-30 ▲ S	Upon request	12681952	Upon request	Upon request	\$ 68
CWC09-01-30 ▲ S	Upon request	12681953	Upon request	Upon request	\$ 68
CWC012-10-30 ▲ S	Upon request	12681954	Upon request	Upon request	\$ 69
CWC012-01-30 ▲ S	Upon request	12681955	Upon request	Upon request	\$ 69

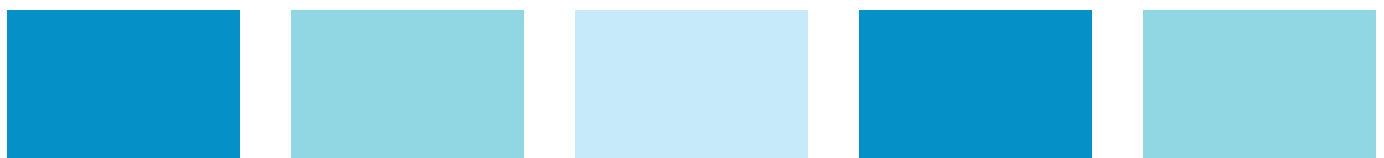
### Non-Reversing Compact Contactors CWC0 Series - 7 to 12 A - Low Consumption DC Coil<sup>2)</sup>

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWC07-10-30 ▲ S	N/A	12681968	N/A	Upon request	\$ 63
CWC07-01-30 ▲ S	N/A	12681969	N/A	Upon request	\$ 63
CWC09-10-30 ▲ S	N/A	12681970	N/A	Upon request	\$ 70
CWC09-01-30 ▲ S	N/A	12681971	N/A	Upon request	\$ 70
CWC012-10-30 ▲ S	N/A	12681972	N/A	Upon request	\$ 70
CWC012-01-30 ▲ S	N/A	12681973	N/A	Upon request	\$ 70

Note: 1) UL pending.

2) Maximum of 2 auxiliary contacts per compact contactor.

▲ - Smart code of the rated voltage.



## 3-Pole Compact Contactors

### Compact Contactors CWC0 Series - Spring Type<sup>1)</sup>

#### Non-Reversing Compact Contactors CWC0 Series - 7 to 12 A - 0.75 x U<sub>c</sub> DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	R02	R03	R06	R12	
CWC07-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 65
CWC07-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 65
CWC09-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 72
CWC09-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 72
CWC012-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 72
CWC012-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 72

#### Compact Contactors CWC0 Series with Mechanical Interlock- 7 to 12 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWC107-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 110
CWC107-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 110
CWC109-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 118
CWC109-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 118
CWC1012-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 121
CWC1012-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 121

#### Compact Contactors CWC0 Series with Mechanical Interlock - 7 to 12 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWC107-10-30 ▲ S	Upon request	12682007	Upon request	Upon request	\$ 135
CWC107-01-30 ▲ S	Upon request	12682090	Upon request	Upon request	\$ 135
CWC109-10-30 ▲ S	Upon request	12682091	Upon request	Upon request	\$ 148
CWC109-01-30 ▲ S	Upon request	12682092	Upon request	Upon request	\$ 148
CWC1012-10-30 ▲ S	Upon request	12682094	Upon request	Upon request	\$ 149
CWC1012-01-30 ▲ S	Upon request	12682095	Upon request	Upon request	\$ 149

#### Compact Contactors CWC0 Series with Latch Block - 7 to 12 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWCH07-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 102
CWCH07-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 102
CWCH09-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 109
CWCH09-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 109
CWCH012-10-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 112
CWCH012-01-30 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 112

#### Compact Contactors CWC0 Series with Latch Block - 7 to 12 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWCH07-10-30 ▲ S	Upon request	12682372	Upon request	Upon request	\$ 125
CWCH07-01-30 ▲ S	Upon request	12682373	Upon request	Upon request	\$ 125
CWCH09-10-30 ▲ S	Upon request	12682374	Upon request	Upon request	\$ 136
CWCH09-01-30 ▲ S	Upon request	12682375	Upon request	Upon request	\$ 136
CWCH012-10-30 ▲ S	Upon request	12682376	Upon request	Upon request	\$ 137
CWCH012-01-30 ▲ S	Upon request	12682398	Upon request	Upon request	\$ 137

Note: 1) UL pending.

▲ - Smart code of the rated voltage.

## 3-Pole CWB Contactors



### 3-Pole Contactors CWB Series - 9 up to 110 A - AC Coil

Part Number	Material Number						List price each
	24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208-240 V 60 Hz	480 V 50/60 Hz	600 V 50/60 Hz	
	D02	D07	D15	V24	D39	D45	
CWB9-11-30 ▲	12660800	12679515	12945217	13436999	12876240	12679517	\$ 50
CWB12-11-30 ▲	12660803	12679519	12945216	13437000	12876241	12679522	\$ 52
CWB18-11-30 ▲	12660806	12679524	12945215	13437001	12876242	12679527	\$ 56
CWB25-11-30 ▲	12232932	12679549	12945214	13437002	12876243	12679552	\$ 76
CWB32-11-30 ▲	12240777	12679555	12945213	13437003	12876244	12679557	\$ 100
CWB38-11-30 ▲	12232937	12679559	12763532	13437005	12876245	12679561	\$ 115
CWB40-11-30 ▲	13543410	14168667	13860241	13860252	13860445	14468871	\$ 159
CWB50-11-30 ▲	13851363	14168859	13860243	13860254	13860446	14468875	\$ 193
CWB65-11-30 ▲	13851366	14168866	13860245	13860255	13860447	14468910	\$ 232
CWB80-11-30 ▲	13860240	14168880	13860247	13860256	13860488	14468913	\$ 247

Part Number	Material Number						List price each	
	24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208 V 50/60 Hz	240 V 50/60 Hz	480 V 50/60 Hz		600 V 50/60 Hz
	D02	D07	D15	D77	D25	D39		D45
CWB95-11-30 ▲	15257932	15309653	15309654	15477655	15309656	15309751	15309753	\$ 329
CWB110-11-30 ▲	15257933	15309970	15309971	15477656	15310394	15310407	15310418	\$ 360



### 3-Pole Contactors CWB Series - 9 up to 80 A - DC Coil

Part Number	Material Number			List price each
	24 V	48 V	110 V	
	C03	C07	C12	
CWB9-11-30 ▲	12542197	12679563	12542262	\$ 81
CWB12-11-30 ▲	12542260	12679565	12542263	\$ 83
CWB18-11-30 ▲	12542266	12679566	12542267	\$ 92
CWB25-11-30 ▲	12240635	12679567	12240636	\$ 122
CWB32-11-30 ▲	12240801	12679569	12240802	\$ 160
CWB38-11-30 ▲	12240668	12679568	12240669	\$ 161
CWB40-11-30 ▲	13538738	14151138	14349809	\$ 236
CWB50-11-30 ▲	13539286	14151139	14349812	\$ 282
CWB65-11-30 ▲	13539299	14151142	14349813	\$ 323
CWB80-11-30 ▲	13428645	14151146	14349814	\$ 355

### 3-Pole Contactors CWB - 95 up to 125 A - AC/DC Coil

Part Number	Material Number		List price each
	24-60 V ac/dc	110-255 V ac/dc	
	E04	E65	
CWB95-11-30 ▲	15477392	14806030	\$ 418
CWB110-11-30 ▲	15477393	14806033	\$ 498
CWB125-11-30 ▲ <sup>1)</sup>	15477390	14806036	\$ 646

Note: 1) Only available with AC/DC coils.  
Article numbers for other rated voltages and frequencies upon request.  
▲ - Smart code of the rated voltage.

## 3-Pole CWM Contactors

### Contactors CWM Series - 9 to 250 A - Screw Type 60 Hz

#### Contactors CWM Series - 9 to 250 A - AC Coil

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWM9-10-30 ▲	10409927	10535657	10045461	10410237	10046122	10046463	10046126	10654698	\$ 50
CWM9-01-30 ▲	10409928	10535656	10046134	10654670	10072020	10857175	10072021	10071216	\$ 50
CWM12-10-30 ▲	10409929	10535659	10045471	10648384	10452225	10046464	10046127	10648428	\$ 52
CWM12-01-30 ▲	10409930	10535658	10186208	10071176	10072022	10694752	10072023	10071177	\$ 52
CWM18-10-30 ▲	10409931	10535661	10045474	10650462	10046123	10046430	10046128	10650475	\$ 56
CWM18-01-30 ▲	10409932	10535660	10046145	10071179	10072024	10857177	10186209	10071181	\$ 56
CWM25-00-30 ▲	10409933	10535662	10045596	10650581	10046129	10046466	10046130	10071182	\$ 80
CWM25-11-30 ▲	10452239	10535663	10046153	10071183	10072091	10857189	10072094	10071185	\$ 92
CWM32-00-30 ▲	10409941	10535664	10045533	10071186	10071954	10046360	10046131	10651256	\$ 113
CWM32-11-30 ▲	10409975	10535665	10046154	10651285	10072092	10857191	10186217	10071189	\$ 125
CWM40-00-30 ▲	10451936	10535666	10045545	10071190	10072008	10046468	10046132	10071192	\$ 154
CWM40-11-30 ▲	10451929	10535667	10045508	10651251	10072029	10857192	10186210	10071194	\$ 163
CWM50-00-30 ▲	10451945	10535668	10045551	10071195	10046124	10046361	10071957	10071197	\$ 217
CWM50-11-30 ▲	10409948	10535669	10045513	10651313	10072030	10857193	10651317	10071199	\$ 226
CWM65-00-30 ▲	10451940	10535670	10045557	10071200	10071955	10046465	10046133	10071202	\$ 250
CWM65-11-30 ▲	10451939	10535671	10045522	10071203	10652071	10857195	10652072	10071205	\$ 258
CWM80-00-30 ▲	10451943	10535672	10045565	10653370	10071956	10046467	10046162	10071207	\$ 263
CWM80-11-30 ▲	10451941	10535673	10045529	10071208	10072031	10857196	10653375	10071210	\$ 272
CWM95-00-30 ▲	10452081	10535674	10046160	10071211	10072093	10213354	10072095	10071213	\$ 357
CWM95-11-30 ▲	10409954	10535675	10045535	10071214	10072034	10857197	10072033	10071215	\$ 366
CWM105-00-30 ▲	10451872	10535676	10046161	10071170	10647714	10647567	10046163	10071172	\$ 391
CWM105-11-30 ▲	10451944	10535677	10045425	10071173	10072032	10828192	10046146	10071175	\$ 400
CWM112-22-30 ▲	10648801	10535678	10409919	10072459	10072454	-	10186304	10072461	\$ 759
CWM180-22-30 ▲	10071361	10535679	10045396	10072462	10046253	-	10650262	10072464	\$ 1,160
CWM250-22-30 ▲	10647236	10535680	10409921	10072466	10072455	-	10650538	10072468	\$ 1,685

#### Contactors CWM Series - 9 to 250 A - Reinforced AC Coil 60 Hz (0.75 x Uc)

Part Number	Material Number			List price each
	120 V	240 V	480 V	
	X18	X29	X47	
CWM9-10-30 ▲	10261589	10261610	10261544	\$ 50
CWM9-01-30 ▲	10261588	10261609	10261543	\$ 50
CWM12-10-30 ▲	10261591	10261612	10261546	\$ 52
CWM12-01-30 ▲	10261590	10261611	10261545	\$ 52
CWM18-10-30 ▲	10261593	10261614	10261548	\$ 56
CWM18-01-30 ▲	10261592	10261613	10261547	\$ 56
CWM25-00-30 ▲	10261594	10261615	10261549	\$ 80
CWM25-11-30 ▲	10261595	10261616	10261550	\$ 92
CWM32-00-30 ▲	10261596	10261617	10261551	\$ 113
CWM32-11-30 ▲	10261597	10261618	10261552	\$ 125
CWM40-00-30 ▲	10261598	10261619	10261553	\$ 154
CWM40-11-30 ▲	10261599	10261620	10261554	\$ 163
CWM50-00-30 ▲	10261600	10261621	10261555	\$ 217
CWM50-11-30 ▲	10261601	10261622	10261556	\$ 226
CWM65-00-30 ▲	10261602	10261623	10652070	\$ 250
CWM65-11-30 ▲	10261603	10261624	10261558	\$ 258
CWM80-00-30 ▲	10261604	10261625	10713903	\$ 263
CWM80-11-30 ▲	10261605	10261626	10261560	\$ 272
CWM95-00-30 ▲	10261606	10261627	10654648	\$ 357
CWM95-11-30 ▲	10261607	10261628	10261562	\$ 366
CWM105-00-30 ▲	10261608	10261629	10647673	\$ 391
CWM105-11-30 ▲	10261630	10261631	10261564	\$ 400
CWM112-22-30 ▲	Under request	Under request	Under request	\$ 759
CWM180-22-30 ▲	Under request	Under request	Under request	\$ 1,160
CWM250-22-30 ▲	Under request	Under request	Under request	\$ 1,685

Note: ▲ - Smart code of the rated voltage.

## 3-Pole CWM Contactors

### Contactors CWM Series - 112 to 300 A - Screw Type

#### Contactors CWM Series - 112 to 560 A - AC/DC Coil with Electronic Module

Part Number	Material Number							List price each
	24-28 V	42-50 V	60-72 V	110-130 V	208-250 V	360-415 V	430-500 V	
	E02	E06	E07	E10	E13	E16	E21	
CWM112-22-30 ▲	10535725	10535730	10535735	10535740	10535745	10535750	10535755	\$ 844
CWM150-22-30 ▲	10535726	10535731	10535736	10535741	10535746	10535751	10535756	\$ 934
CWM180-22-30 ▲	10535727	10535732	10535737	10535742	10535747	10535752	10535757	\$ 1,289
CWM215-22-30 ▲	15288627	15288701	15288704	15288707	15222397	15181431	15288741	\$ 1,433
CWM250-22-30 ▲	10535728	10535733	10535738	10535743	10535748	10535753	10535758	\$ 1,873
CWM300-22-30 ▲	10535729	10535734	10535739	10535744	10535749	10535754	10535759	\$ 2,088
Part Number	Material Number							List price each
	110-255 V ac/dc							
	E65							
CWM450-22-30 ▲	14266987							\$ 2,727
CWM560-22-30 ▲	10837670							\$ 3,580

### Contactors CWM Series - 400 to 800 A - Screw Type

#### Contactors CWM Series - 400 to 800 A - AC/DC Coil with Electronic Module

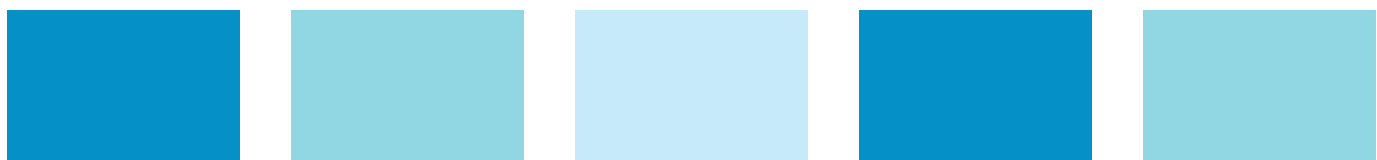
Part Number	Material Number					List price each
	100-127 V ac / 100-110 V dc	100-240 V ac / 100-220 V dc	200-240 V ac / 200-220 V dc	380-450 V ac	440-575 V ac	
	E35	E36	E39	D81	D82	
CWM400-22-30 ▲	-	11747363	-	11747367	12317735	\$ 2,870
CWM500-22-30 ▲	11747429	-	11747433	11860885	12317736	\$ 3,769
CWM630-22-30 ▲	11747430	-	11747434	11860886	12122025	\$ 4,354
CWM800-22-30 ▲	11747431	-	11747436	11860928	12317737	\$ 6,372

### Contactors CWM Series - 40 to 105 A - Screw Type

#### Contactors CWM Series - 40 to 105 A - Regular DC Coil

Part Number	24...48 V	110...130 V	List price each
	C34	C40	
CWM40-00-30 ▲	10535693	10535714	\$ 275
CWM40-11-30 ▲	10535694	10535715	\$ 287
CWM50-00-30 ▲	10649039	10535716	\$ 304
CWM50-11-30 ▲	10261727	10535717	\$ 315
CWM65-00-30 ▲	10535696	10535718	\$ 344
CWM65-11-30 ▲	10535719	10261728	\$ 356
CWM80-00-30 ▲	10652134	10535720	\$ 407
CWM80-11-30 ▲	10535698	10535721	\$ 419
CWM95-00-30 ▲	10653031	10535722	\$ 437
CWM95-11-30 ▲	10535699	10535723	\$ 449
CWM105-00-30 ▲	10647068	10535724	\$ 524
CWM105-11-30 ▲	10535701	10261730	\$ 536

Note: ▲ - Smart code of the rated voltage.



# NEMA Ratings 3-Pole Contactors

## NEMA Ratings Contactors CWM\_N Series - Size 00 to 5 - Screw Type

### Contactors CWM\_N Series - Size 00 to 6 - AC Coil<sup>1) 2)</sup>

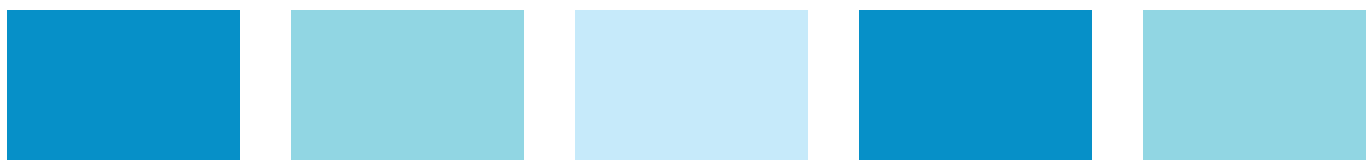
Part Number	NEMA Size	Material Number						List price each
		120 V 60 Hz	208 V 60 Hz	240 V 60 Hz	208-240 V 60 Hz	110-130 V 50/60 Hz	208-250 V 50/60 Hz	
		V18	V23	V30	V24	E10	E13	
CWM9N-10-30 ▲	00	11697351	11697353	11697356	11697355	-	-	\$ 52
CWM9N-01-30 ▲	00	11697368	11697369	11697374	11697371	-	-	\$ 52
CWM18N-10-30 ▲	0	11686074	11686211	11686117	11686115	-	-	\$ 59
CWM18N-01-30 ▲	0	11686209	11697377	11697380	11697379	-	-	\$ 59
CWM32N-00-30 ▲	1	11697382	11697384	11697421	11697386	-	-	\$ 119
CWM32N-11-30 ▲	1	11697422	11697423	11697425	11697424	-	-	\$ 131
CWM50N-00-30 ▲	2	11697426	11697427	11697429	11697428	-	-	\$ 228
CWM50N-11-30 ▲	2	11697430	11697431	11697433	11697432	-	-	\$ 237
CWM95N-00-30 ▲	3	11697769	11697770	11697773	11697772	-	-	\$ 375
CWM95N-11-30 ▲	3	11697777	11697789	11697792	11697791	-	-	\$ 384
CWM150N-22-30 ▲	4	-	-	-	-	11697794	11697797	\$ 981
CWM300N-22-30 ▲	5	-	-	-	-	11697819	11697821	\$ 2,192
Part Number	NEMA Size	Material Number						List price each
		110-255 V ac/dc						
		E65						
CWM560N-22-30 ▲	6	Under request						\$ 3,759

## NEMA Ratings Contactors CWBN Series - Size 00 to 3 - Screw Type

### Contactors CWBN Series - Size 00 to 3 - AC Coil

Part Number	NEMA Size	Material Number						List price each	
		24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208-240 V 60 Hz	480 V 50/60 Hz	600 V 50/60 Hz		
		D02	D07	D15	V24	D39	D45		
CWBN00-11-30 ▲	00	Under request	Under request	14400318	14400320	14400321	Under request	\$ 52	
CWBN0-11-30 ▲	0	Under request	Under request	14400323	14400325	14400378	Under request	\$ 59	
CWBN1-11-30 ▲	1	Under request	Under request	14400385	14400387	14400429	Under request	\$ 105	
CWBN2-11-30 ▲	2	Under request	Under request	14400430	14400433	14400435	Under request	\$ 203	
Part Number	NEMA Size	Material Number						List price each	
		24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208 V 50/60 Hz	240 V 50/60 Hz	480 V 50/60 Hz		600 V 50/60 Hz
		D02	D07	D15	D77	D25	D39		D45
CWBN3-11-30 ▲	3	Under request	Under request	15910802	15910922	15910923	15910921	Under request	\$ 346

Notes: 1) CWM\_N series - 9 to 95 A - AC coil.  
 2) CWM\_N series - 150 to 300 A - AC/DC coil with electronic module.  
 ▲ - Smart code of the rated voltage.





# Contactors for Safety Application

## 3-Pole Contactors CWBS - 9 up to 80 A - AC Coil - Screw Type

Part Number	Aux. contact	Material Number						List price each
		24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208-240 V 60 Hz	480 V 50/60 Hz	600 V 50/60 Hz	
		D02	D07	D15	V24	D39	D45	
CWBS9-11-30 ▲	1NO + 1NC	13522352	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 62
CWBS9-13-30 ▲	1NO + 3NC	14623561	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 77
CWBS9-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 91
CWBS12-11-30 ▲	1NO + 1NC	13522439	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 65
CWBS12-13-30 ▲	1NO + 3NC	14625086	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 80
CWBS12-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 94
CWBS18-11-30 ▲	1NO + 1NC	13522442	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 70
CWBS18-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 84
CWBS18-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 99
CWBS25-11-30 ▲	1NO + 1NC	13522447	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 95
CWBS25-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 110
CWBS25-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 125
CWBS32-11-30 ▲	1NO + 1NC	13522492	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 125
CWBS32-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 140
CWBS32-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 155
CWBS38-11-30 ▲	1NO + 1NC	13522497	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 144
CWBS38-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 159
CWBS38-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 174
CWBS40-11-30 ▲	1NO + 1NC	14280317	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 167
CWBS40-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 203
CWBS40-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 237
CWBS50-11-30 ▲	1NO + 1NC	14280352	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 203
CWBS50-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 244
CWBS50-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 282
CWBS65-11-30 ▲	1NO + 1NC	14280371	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 244
CWBS65-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 290
CWBS65-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 333
CWBS80-11-30 ▲	1NO + 1NC	14280410	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 259
CWBS80-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 308
CWBS80-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 351

## 3-Pole Contactors CWBS - 9 up to 80 A - DC Coil - Screw Type

Part Number	Aux. contact	Material Number			List price each
		24 V	48 V	110 V	
		C03	C07	C12	
CWBS9-11-30 ▲	1NO + 1NC	13522438	Upon request	Upon request	\$ 102
CWBS9-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 116
CWBS9-15-30 ▲	1NO + 5NC	14292163	Upon request	Upon request	\$ 131
CWBS12-11-30 ▲	1NO + 1NC	13522441	Upon request	Upon request	\$ 104
CWBS12-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 118
CWBS12-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	\$ 133
CWBS18-11-30 ▲	1NO + 1NC	13522445	Upon request	Upon request	\$ 115
CWBS18-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 129
CWBS18-15-30 ▲	1NO + 5NC	14195509	Upon request	Upon request	\$ 144
CWBS25-11-30 ▲	1NO + 1NC	13522490	Upon request	Upon request	\$ 152
CWBS25-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 167
CWBS25-15-30 ▲	1NO + 5NC	14338664	Upon request	Upon request	\$ 181
CWBS32-11-30 ▲	1NO + 1NC	13522496	Upon request	Upon request	\$ 200
CWBS32-13-30 ▲	1NO + 3NC	14440518	Upon request	Upon request	\$ 215
CWBS32-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	\$ 229
CWBS38-11-30 ▲	1NO + 1NC	13522512	Upon request	Upon request	\$ 202
CWBS38-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 216
CWBS38-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	\$ 231
CWBS40-11-30 ▲	1NO + 1NC	14280433	Upon request	Upon request	\$ 248
CWBS40-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 295
CWBS40-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	\$ 337
CWBS50-11-30 ▲	1NO + 1NC	14280451	Upon request	Upon request	\$ 296
CWBS50-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 350
CWBS50-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	\$ 397
CWBS65-11-30 ▲	1NO + 1NC	14280457	Upon request	Upon request	\$ 339
CWBS65-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 398
CWBS65-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	\$ 459
CWBS80-11-30 ▲	1NO + 1NC	14280490	Upon request	Upon request	\$ 373
CWBS80-13-30 ▲	1NO + 3NC	Upon request	Upon request	Upon request	\$ 437
CWBS80-15-30 ▲	1NO + 5NC	Upon request	Upon request	Upon request	\$ 492

## Contactors for Safety Application

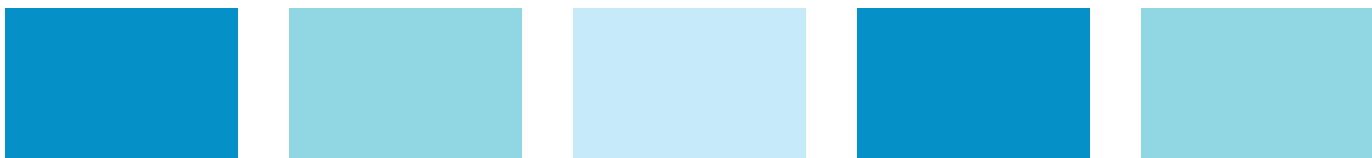
### Control Relays CAWBS - Screw Type

#### Control Relays CAWBS - AC coil - Screw Type

Part Number	Material Number						List price each
	24 V 50/60Hz	48 V 50/60Hz	120 V 50/60Hz	208-240 V 60Hz	480 V 50/60Hz	600 V 50/60Hz	
	D02	D07	D15	V24	D39	D45	
CAWBS-14-00▲	14629657	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 62
CAWBS-23-00▲	14629701	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 62
CAWBS-32-00▲	14629702	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 62
CAWBS-41-00▲	13751968	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 62
CAWBS-52-00▲	13751976	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 77
CAWBS-72-00▲	13752010	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 91
CAWBS-45-00▲	13751974	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 91

#### Control Relays CAWBS - DC coil - Screw Type

Part Number	Material Number			List price each
	24 V	48 V	110 V	
	C03	C07	C12	
CAWBS-14-00▲	14629728	Upon request	Upon request	\$ 102
CAWBS-23-00▲	14629730	Upon request	Upon request	\$ 102
CAWBS-32-00▲	14629732	Upon request	Upon request	\$ 102
CAWBS-41-00▲	13750622	Upon request	Upon request	\$ 102
CAWBS-52-00▲	13751887	Upon request	Upon request	\$ 116
CAWBS-72-00▲	13751902	Upon request	Upon request	\$ 131
CAWBS-45-00▲	13751880	Upon request	Upon request	\$ 131



# Control Relays

## Control Relays CAWB Series - Screw Type

### Control Relays CAWB - AC Coil

Part Number	Material Number						List price each
	24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208-240 V 60 Hz	480 V 50/60 Hz	600 V 50/60 Hz	
	D02	D07	D15	V24	D39	D45	
CAWB-14-00 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CAWB-23-00 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CAWB-32-00 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CAWB-41-00 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50

### Control Relays CAWB - DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CAWB-14-00 ▲	Upon request	13539565	Upon request	Upon request	\$ 81
CAWB-23-00 ▲	Upon request	13563708	Upon request	Upon request	\$ 81
CAWB-32-00 ▲	Upon request	13563711	Upon request	Upon request	\$ 81
CAWB-41-00 ▲	Upon request	13539485	Upon request	Upon request	\$ 81

## Control Relays CWCA0 Series - Screw Type

### Control Relays CWCA0 Series - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	208-240 V	240 V	480 V	600 V	
	V04	V10	V18	V23	V24	V30	V47	V56	
CWCA0-22-00 ▲	12486787	12680492	12487341	12680512	12680544	12680538	12680560	12680566	\$ 41
CWCA0-31-00 ▲	12486808	12680493	12487366	12680513	12680545	12680539	12680561	12680578	\$ 41
CWCA0-13-00 ▲	12486809	12680494	12680497	12680514	12680546	12680540	12680562	12680579	\$ 41
CWCA0-40-00 ▲	12486814	12680495	12680509	12680515	12680547	12680541	12680563	12680580	\$ 41
CWCA0-04-00 ▲	12486816	12680496	12680510	12680516	12680559	12680543	12680564	12680581	\$ 41

### Control Relays CWCA0 Series - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWCA0-22-00 ▲	12487362	12486869	12680582	12486874	\$ 52
CWCA0-31-00 ▲	12487386	12486870	12680583	12486875	\$ 52
CWCA0-13-00 ▲	14396874	12486871	12680584	12486876	\$ 52
CWCA0-40-00 ▲	13378192	12486872	12680585	12486877	\$ 52
CWCA0-04-00 ▲	13697959	12486873	12680586	12486878	\$ 52

### Control Relays CWCA0 Series - Low Consumption DC Coil<sup>1)</sup>

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWCA0-22-00 ▲	-	12486879	-	14058055	\$ 53
CWCA0-31-00 ▲	-	12486880	-	Upon request	\$ 53
CWCA0-13-00 ▲	-	12486881	-	Upon request	\$ 53
CWCA0-40-00 ▲	-	12486882	-	Upon request	\$ 53
CWCA0-04-00 ▲	-	12486883	-	Upon request	\$ 53

### Control Relays CWCA0 Series - 0.75 x Uc DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	R02	R03	R06	R12	
CWCA0-22-00 ▲	13271289	13271290	Upon request	13332720	\$ 54
CWCA0-31-00 ▲	Upon request	13271293	Upon request	Upon request	\$ 54
CWCA0-13-00 ▲	Upon request	13271245	Upon request	Upon request	\$ 54
CWCA0-40-00 ▲	Upon request	12719270	Upon request	Upon request	\$ 54
CWCA0-04-00 ▲	Upon request	12719271	Upon request	Upon request	\$ 54

Note: 1) Maximum of 2 auxiliary contacts (BFCA-11/BFCA-02/BFCA-20).  
▲ - Smart code of the rated voltage.

# Control Relays

## Control Relays CWCA0 Series - Screw Type

### Control Relays CWCA0 Series with Latch Block - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWCHA0-22-00 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 77
CWCHA0-31-00 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 77
CWCHA0-40-00 ▲	13748302	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 77

### Control Relays CWCA0 Series with Latch Block - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWCHA0-22-00 ▲	Upon request	14341118	Upon request	Upon request	\$ 94
CWCHA0-31-00 ▲	Upon request	13223404	Upon request	Upon request	\$ 94
CWCHA0-40-00 ▲	Upon request	14490974	Upon request	Upon request	\$ 94

## Control Relays CWCA0 Series - Spring Type<sup>1)</sup>

### Control Relays CWCA0 Series - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWCA0-22-00 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CWCA0-31-00 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CWCA0-13-00 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CWCA0-40-00 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50
CWCA0-04-00 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 50

### Control Relays CWCA0 Series - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWCA0-22-00 ▲ S	Upon request	12918441	Upon request	Upon request	\$ 62
CWCA0-31-00 ▲ S	Upon request	12915360	Upon request	Upon request	\$ 62
CWCA0-13-00 ▲ S	Upon request	12915359	Upon request	Upon request	\$ 62
CWCA0-40-00 ▲ S	Upon request	12926309	Upon request	Upon request	\$ 62
CWCA0-04-00 ▲ S	Upon request	13098859	Upon request	Upon request	\$ 62

### Control Relays CWCA0 Series - Low Consumption DC Coil<sup>2)</sup>

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWCA0-22-00 ▲ S	-	12899129	-	Upon request	\$ 63
CWCA0-31-00 ▲ S	-	13596915	-	Upon request	\$ 63
CWCA0-13-00 ▲ S	-	Upon request	-	Upon request	\$ 63
CWCA0-40-00 ▲ S	-	13608737	-	Upon request	\$ 63
CWCA0-04-00 ▲ S	-	Upon request	-	Upon request	\$ 63

### Control Relays CWCA0 Series - 0.75 x Uc DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	R02	R03	R06	R12	
CWCA0-22-00 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 65
CWCA0-31-00 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 65
CWCA0-13-00 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 65
CWCA0-40-00 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 65
CWCA0-04-00 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 65

Note: 1) UL pending.

2) Maximum of 2 auxiliary contacts per control relay.

▲ - Smart code of the rated voltage.

## 2-Pole Contactors

### Compact Contactors CWC0 Series - Screw Type

#### Non-Reversing Compact Contactors CWC0 - 7 to 22 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWC07-00-20 ▲	11063825	Upon request	Upon request	Upon request	Upon request	12683340	Upon request	Upon request	\$ 35
CWC07-00-02 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	12683341	Upon request	Upon request	\$ 35
CWC09-00-20 ▲	10118301	Upon request	Upon request	Upon request	Upon request	12683342	Upon request	Upon request	\$ 38
CWC09-00-02 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	12683343	Upon request	Upon request	\$ 38
CWC012-00-20 ▲	11063849	Upon request	Upon request	Upon request	Upon request	12683344	Upon request	Upon request	\$ 39
CWC012-00-02 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	12683345	Upon request	Upon request	\$ 39
CWC016-00-20 ▲	11063853	Upon request	Upon request	Upon request	Upon request	12683347	Upon request	Upon request	\$ 41
CWC016-00-02 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	12683358	Upon request	Upon request	\$ 41
CWC025-00-20 ▲	Upon request	Upon request	Upon request	Upon request	Upon request	12683359	Upon request	Upon request	\$ 51

### Compact Contactors CWC0 Series - Spring Type<sup>1)</sup>

#### Non-Reversing Compact Contactors CWC0 - 7 to 12 A - Regular AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWC07-00-20 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 42
CWC07-00-02 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 42
CWC09-00-20 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 46
CWC09-00-02 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 46
CWC012-00-20 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 47
CWC012-00-02 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 47

### Contactors CWB Series

#### 2-Pole Contactors CWB Series - 9 to 80 A - AC Coil

Part Number	Material Number						List price each
	24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208-240 V 60 Hz	480 V 50/60 Hz	600 V 50/60 Hz	
	D02	D07	D15	V24	D39	D45	
CWB9-11-20▲	14638772	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 46
CWB12-11-20▲	14638200	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 49
CWB18-11-20▲	13925156	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 52
CWB25-11-20▲	14374095	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 67
CWB32-11-20▲	14638205	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 88
CWB38-11-20▲	14638206	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 102
CWB40-11-20▲	14638207	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 135
CWB50-11-20▲	14638238	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 164
CWB65-11-20▲	14662832	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 198
CWB80-11-20▲	14638243	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 210

### Contactors CWM Series

#### 2-Pole Contactors CWM Series - 9 to 105 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWM9-00-20 ▲	10410540	10652853	10047429	-	10654656	10046476	-	-	\$ 42
CWM12-00-20 ▲	10451971	-	10047430	-	10648284	10046477	-	-	\$ 44
CWM18-00-20 ▲	10451972	-	10047431	-	10072209	10046478	-	-	\$ 47
CWM25-00-20 ▲	10451935	10646533	10047432	-	10650544	10047350	-	-	\$ 68
CWM32-00-20 ▲	10410541	-	10076313	-	10072208	10046479	-	-	\$ 96
CWM40-00-20 ▲	10410542	-	10651087	-	10651127	10651125	-	-	\$ 131
CWM50-00-20 ▲	10410543	-	10076314	-	10047439	10046480	-	-	\$ 182
CWM65-00-20 ▲	10410544	-	10652762	-	10652764	10046481	-	-	\$ 210
CWM80-00-20 ▲	10410545	-	10653118	-	10653121	10653120	-	-	\$ 211
CWM95-00-20 ▲	10410546	-	10654571	-	10654574	10654572	-	-	\$ 286
CWM105-00-20 ▲	10410549	-	10647223	-	10647227	10647224	-	-	\$ 313

Note: 1) UL pending.

▲ - Smart code of the rated voltage.

# 4-Pole Compact Contactors

## 4-Pole Compact Contactors CWC0 Series - Screw Type

### 4-Pole Compact Contactors CWC0 Series - 7 to 16 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWC07-00-40 ▲	13181137	14344422	13181178	Upon request	12683708	13181287	13181180	Upon request	\$ 43
CWC07-00-22 ▲	13181130	13904209	13181131	Upon request	12683709	13181132	13181134	Upon request	\$ 43
CWC09-00-40 ▲	12487367	Upon request	13181230	Upon request	12683710	13181231	13181232	Upon request	\$ 47
CWC09-00-22 ▲	13181223	Upon request	13181224	Upon request	12683711	13181226	13181227	Upon request	\$ 47
CWC012-00-40 ▲	13492513	13828566	13492514	Upon request	12683713	13492516	13492550	Upon request	\$ 49
CWC012-00-22 ▲	13064999	Upon request	13492517	Upon request	12683715	13492548	13492549	Upon request	\$ 49
CWC016-00-40 ▲	13181257	Upon request	13181278	Upon request	12683717	13181279	13181280	Upon request	\$ 51
CWC016-00-22 ▲	13181250	14142413	13181251	Upon request	12683718	13181252	13181253	Upon request	\$ 51

### 4-Pole Compact Contactors CWC0 Series - 7 to 16 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWC07-00-40 ▲	13285835	13247833	Upon request	13560642	\$ 54
CWC09-00-40 ▲	Upon request	13390491	Upon request	13560643	\$ 60
CWC012-00-40 ▲	Upon request	13390489	Upon request	13560644	\$ 61
CWC016-00-40 ▲	Upon request	13390490	Upon request	13560646	\$ 65

Part Number <sup>1)</sup>	Material Number				List price each
	12 V	24 V	42 V	110 V	
	R02	R03	R06	R12	
CWC07-00-22 ▲	12902456	13181129	Upon request	13297477	\$ 55
CWC09-00-22 ▲	13181184	13181186	Upon request	13560711	\$ 61
CWC012-00-22 ▲	14578961	13390488	Upon request	13560712	\$ 62
CWC016-00-22 ▲	13181248	13181249	Upon request	13394978	\$ 66

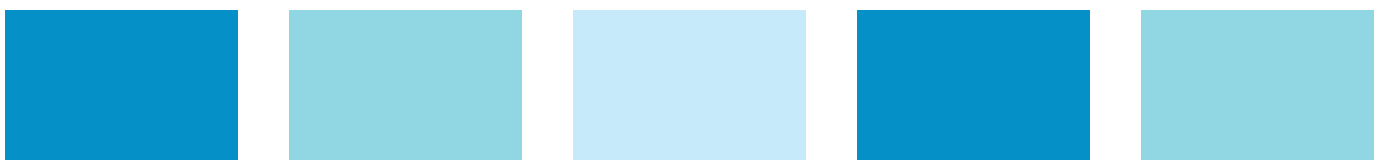
### 4-Pole Compact Contactors CWC0 Series - 7 to 16 A - Low Consumption DC Coil<sup>2)</sup>

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWC07-00-40 ▲	13181135	13181136	N/A	Upon request	\$ 55
CWC09-00-40 ▲	13181228	13181229	N/A	Upon request	\$ 61
CWC012-00-40 ▲	N/A	Upon request	N/A	Upon request	\$ 62
CWC016-00-40 ▲	13181254	13181256	N/A	Upon request	\$ 66

Note: 1) Reinforced coil 0.75 x Uc.

2) Maximum of 2 auxiliary contacts per compact contactor.

▲ - Smart code of the rated voltage.



## 4-Pole Compact Contactors

### 4-Pole Compact Contactors CWC0 Series - Spring Type<sup>1)</sup>

#### 4-Pole Compact Contactors CWC0 Series - 7 to 16 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWC07-00-40 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 52
CWC09-00-40 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 56
CWC012-00-40 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 58
CWC07-00-22 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 52
CWC09-00-22 ▲ S	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 56
CWC012-00-22 ▲ S	Upon request	13231008	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 58

#### 4-Pole Compact Contactors CWC0 Series - 7 to 16 A - Regular DC Coil

Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	C02	C03	C06	C12	
CWC07-00-40 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 64
CWC09-00-40 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 71
CWC012-00-40 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 73

Part Number <sup>2)</sup>	Material Number				List price each
	12 V	24 V	42 V	110 V	
	R02	R03	R06	R12	
CWC07-00-22 ▲ S	Upon request	13352851	Upon request	Upon request	\$ 66
CWC09-00-22 ▲ S	Upon request	Upon request	Upon request	Upon request	\$ 73
CWC012-00-22 ▲ S	Upon request	12899935	Upon request	Upon request	\$ 74

#### 4-Pole Compact Contactors CWC0 Series - 7 to 16 A - Low Consumption DC Coil<sup>3)</sup>

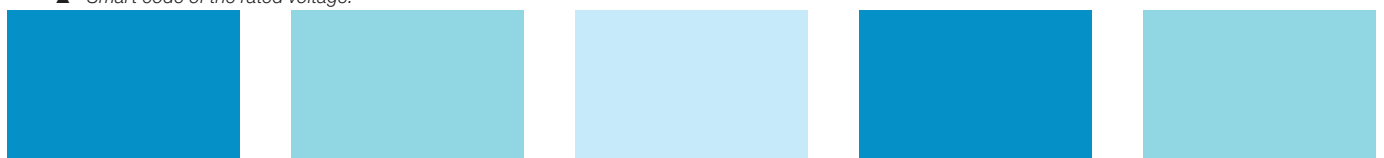
Part Number	Material Number				List price each
	12 V	24 V	42 V	110 V	
	L02	L03	L06	L12	
CWC07-00-40 ▲ S	-	Upon request	-	Upon request	\$ 66
CWC09-00-40 ▲ S	-	Upon request	-	Upon request	\$ 73
CWC012-00-40 ▲ S	-	13171936	-	Upon request	\$ 74

Note: 1) UL pending.

2) Reinforced coil 0.75 x Uc.

3) Maximum of 2 auxiliary contacts per compact contactor.

▲ - Smart code of the rated voltage.



## 4-Pole Contactors

### 4-Pole Contactors CWB - Screw Type <sup>1)</sup>

#### Contactors CWB Series - 9 to 18 A - AC Coil

Part Number	Material Number						List price each
	24 V 50/60 Hz	48 V 50/60 Hz	120 V 50/60 Hz	208-240 V 60 Hz	480 V 50/60 Hz	600 V 50/60 Hz	
	D02	D07	D15	V24	D39	D45	
CWB9-11-40▲	15777926	Upon request	15789245	15780494	Upon request	Upon request	\$ 52
CWB12-11-40▲	15778408	Upon request	15778533	15780495	Upon request	Upon request	\$ 55
CWB18-11-40▲	15778410	Upon request	15778534	15780497	Upon request	Upon request	\$ 59
CWB9-11-22▲	15778413	Upon request	15778535	15780528	Upon request	Upon request	\$ 52
CWB12-11-22▲	15778528	Upon request	15778536	15780529	Upon request	Upon request	\$ 55
CWB18-11-22▲	15778529	Upon request	15778537	15780532	Upon request	Upon request	\$ 59
CWB9-11-04▲	15778530	Upon request	15778559	15780533	Upon request	Upon request	\$ 52
CWB12-11-04▲	15778531	Upon request	15778560	15780534	Upon request	Upon request	\$ 55
CWB18-11-04▲	15778532	Upon request	15778562	15780535	Upon request	Upon request	\$ 59

#### Contactors CWB Series - 9 to 18 A - DC Coil

Part Number	Material Number			List price each
	24 V	48 V	110 V	
	C03	C07	C12	
CWB9-11-40▲	15595901	Upon request	Upon request	\$ 85
CWB12-11-40▲	15595902	Upon request	Upon request	\$ 87
CWB18-11-40▲	15238077	Upon request	Upon request	\$ 96
CWB9-11-22▲	15625405	Upon request	Upon request	\$ 85
CWB12-11-22▲	15625406	Upon request	Upon request	\$ 87
CWB18-11-22▲	15625347	Upon request	Upon request	\$ 96

### Contactors CWM Series - 9 to 18 A - Screw Type

#### Contactors CWM Series - 9 to 18 A - AC Coil 60 Hz

Part Number	Material Number								List price each
	24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
	V04	V10	V18	V23	V30	V24	V47	V56	
CWM9-00-40 ▲	10076214	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 52
CWM12-00-40 ▲	10071304	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 55
CWM18-00-40 ▲	10071551	Upon request	13323656	Upon request	10071339	Upon request	Upon request	Upon request	\$ 59
CWM9-00-22 ▲	10075613	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 52
CWM12-00-22 ▲	10072073	10211273	Upon request	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 55
CWM18-00-22 ▲	10072085	Upon request	10072070	Upon request	Upon request	Upon request	Upon request	Upon request	\$ 59

#### Contactors CWM Series - 9 to 18 A - DC Coil

Part Number	Material Number		List price each
	24 V	110 V	
	C03	C12	
CWM9-00-40 ▲	10046963	10073260	\$ 96
CWM12-00-40 ▲	10071459	10072651	\$ 105
CWM18-00-40 ▲	10045595	10046200	\$ 115
CWM9-00-22 ▲	10073333	10073334	\$ 96
CWM12-00-22 ▲	10045600	10072135	\$ 105
CWM18-00-22 ▲	10071504	10072980	\$ 115

### Contactors CWM Series - 400 to 800 A - Screw Type

#### Contactors CWM Series - 400 to 800 A - AC/DC Coil with Electronic Module

Part Number	Material Number				List price each
	100-127 V ac / 100-110 V dc	100-240 V ac / 100-220 V dc	200-240 V ac / 200-220 V dc	380-450 V ac	
	E35	E36	E39	D81	
CWM400-22-40 ▲	-	11931204	-	11931205	\$ 3,817
CWM500-22-40 ▲	11931206	-	11931207	-	\$ 5,009
CWM630-22-40 ▲	11931258	-	11931259	-	\$ 5,791
CWM800-22-40 ▲	11931260	-	11931261	-	\$ 8,475

Note: ▲ - Smart code of the rated voltage.

<sup>1)</sup> UL pending



# Contactors for Capacitor Switching - CWBC



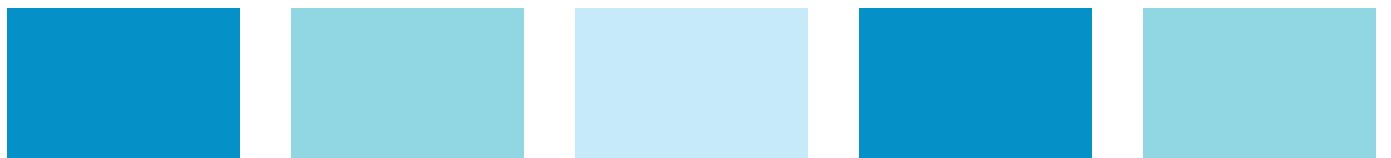
## Contactors for Capacitor Switching CWBC - AC Coil - Screw Type

Part Number	Rated power (kVAr)		Material Number				List price each
	480V		D02 (24 V)	D15 (120 V)	V24 (208-240 V)	D39 (400 V)	
CWBC9-21-30 ▲	14		15390202	15964871	15964891	15964906	\$ 91
CWBC18-21-30 ▲	17		15389980	15824413	15964895	15964907	\$ 118
CWBC25-21-30 ▲	25		15390019	15808787	15964943	15964945	\$ 136
CWBC32-21-30 ▲	33		15390089	15612650	15964901	15964939	\$ 175
CWBC50-21-30 ▲	50		15390092	15824415	15964904	15964940	\$ 273
CWBC65-21-30 ▲	65		15390096	15964877	15964905	15964941	\$ 325



## Contactors for Capacitor Switching CWBC - DC Coil - Screw Type

Part Number	Rated power (kVAr)		Material Number			List price each
	480V		C03 (24 V dc)	C07 (48 V dc)	C12 (110 V dc)	
CWBC9-21-30 ▲	14		15390714	under request	15390715	\$ 143
CWBC18-21-30 ▲	17		15390342	under request	15390344	\$ 182
CWBC25-21-30 ▲	25		15390529	under request	15390534	\$ 221
CWBC32-21-30 ▲	33		15390602	under request	15390603	\$ 260
CWBC50-21-30 ▲	50		15390606	under request	15390607	\$ 364
CWBC65-21-30 ▲	65		15390710	under request	15390711	\$ 468



## Contactors for Capacitor Switching - CWMC

### Contactors for Capacitor Switching CWMC Series - Reinforced AC Coil (0.75 x Uc) - Screw Type

#### Contactors CWMC Series - Reinforced AC Coil (0.75 x Uc)



Part Number	Rated power (kvar)	Material Number					List price each
	480 V	X15 (95 V 50 Hz / 110 V 60 Hz)	X18 (110 V 50 Hz / 120 V 60 Hz)	X23 (180 V 50 Hz / 208 V 60 Hz)	X26 (190 V 50 Hz / 220 V 60 Hz)	X30 (208 V 50 Hz / 240 V 60 Hz)	
CWMC9-10-30 ▲	14	12712997	12713058	12713059	12713060	12713061	\$ 103
CWMC18-10-30 ▲	17	12554137	12387955	12615375	12387956	12615376	\$ 129
CWMC25-10-30 ▲	25	11486202	11486203	11486205	11471428	11486207	\$ 154
CWMC32-10-30 ▲	33	11486216	11486217	11486219	11471896	11486221	\$ 199
CWMC50-10-30 ▲	50	11486232	11486233	11486236	11486237	11486239	\$ 283
CWMC65-10-30 ▲	65	11486250	11486251	11486253	11486254	11486255	\$ 298
CWMC80-10-30 ▲	77	12256267	12615603	12615604	12256299	12615605	\$ 476

Part Number	Rated power (kvar)	Material Number					List price each	
	480 V	X32 (220 V 50 Hz / 255 V 60 Hz)	X36 (230 V 50 Hz / 266 V 60 Hz)	X37 (230-240 V 50 Hz / 277 V 60 Hz)	X41 (325 V 50 Hz / 380 V 60 Hz)	X42 (380 V 50 Hz / 440 V 60 Hz)		X47 (400-415 V 50 Hz / 480 V 60 Hz)
CWMC9-10-30 ▲	14	12713062	12713063	12713065	12713066	12713067	12713088	\$ 103
CWMC18-10-30 ▲	17	12615377	12615598	12615599	12615600	12615601	12615602	\$ 129
CWMC25-10-30 ▲	25	11486208	11786525	11486209	11486210	11486211	11486212	\$ 154
CWMC32-10-30 ▲	33	11486224	11921713	11486225	11486226	11486227	11486228	\$ 199
CWMC50-10-30 ▲	50	11486241	11938936	11486242	11486244	11486245	11486246	\$ 283
CWMC65-10-30 ▲	65	11486257	11938988	11486269	11486268	11486270	11486271	\$ 298
CWMC80-10-30 ▲	77	12615606	12615607	12380355	12256300	12615609	12615610	\$ 476

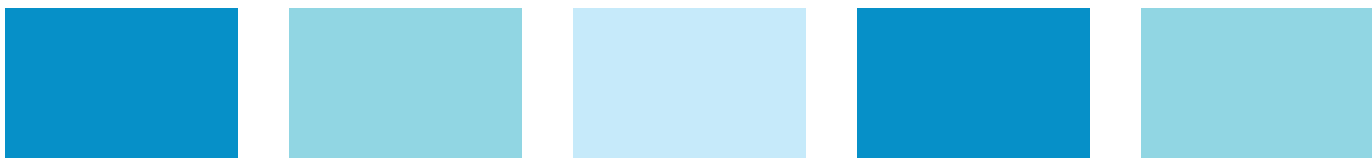
### Contactors for Capacitor Switching CWMC Series - DC Coil - Screw Type

#### Contactors CWMC Series - DC Coil

Part Number	Rated power (kvar)	Material Number		List price each
	480 V	C34 (24-28 V dc)	C40 (110-130 V dc)	
CWMC32-10-30 ▲	33	11109983	10867356	\$ 299
CWMC50-10-30 ▲	50	12436588	11916385	\$ 370
CWMC65-10-30 ▲	65	11896819	11916386	\$ 392
CWMC80-10-30 ▲	77	12296403	12415463	\$ 620

Note: For applications where there is a significant reduction on the rated voltage, sometimes due to long distances or network problems.

▲ - Smart code of the rated voltage.



# Accessories for Compact Contactors

## Accessories for Compact Contactors CWC0 Series

### Electronic Timer Block

#### TECO - On Delay

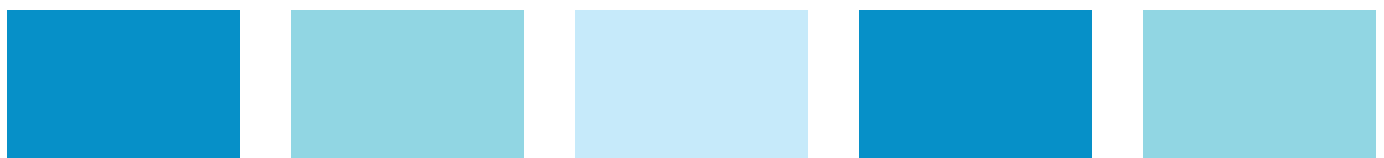
Part Number	Voltage	Timing	Mounting on	Material Number	List price each
TECO-U003S-E05	24...240 V ac/dc	0.3...3s	CWC07 - CWC016	12499386	\$ 103
TECO-U010S-E05	24...240 V ac/dc	1...10s	CWC07 - CWC016	12499398	\$ 103
TECO-U030S-E05	24...240 V ac/dc	3...30s	CWC07 - CWC016	12499445	\$ 103
TECO-U060S-E05	24...240 V ac/dc	6...60s	CWC07 - CWC016	12499447	\$ 103
TECO-U100S-E05	24...240 V ac/dc	10...100s	CWC07 - CWC016	12499399	\$ 103
TECO-U300S-E05	24...240 V ac/dc	30...300s	CWC07 - CWC016	12499400	\$ 103
TECO-U030M-E05	24...240 V ac/dc	180...1800s	CWC07 - CWC016	12499461	\$ 103

#### TDC0 - Off Delay

Part Number	Voltage	Timing	Mounting on	Material Number	List price each
TDC0-U003S-E04	24...60 V ac/dc	0.3...3s	CWC07 - CWC016	12499401	\$ 133
TDC0-U010S-E04	24...60 V ac/dc	1...10s	CWC07 - CWC016	12499402	\$ 133
TDC0-U030S-E04	24...60 V ac/dc	3...30s	CWC07 - CWC016	12499403	\$ 133
TDC0-U060S-E04	24...60 V ac/dc	6...60s	CWC07 - CWC016	12499407	\$ 133
TDC0-U100S-E04	24...60 V ac/dc	10...100s	CWC07 - CWC016	12499404	\$ 133
TDC0-U300S-E04	24...60 V ac/dc	30...300s	CWC07 - CWC016	12499405	\$ 133
TDC0-U030M-E04	24...60 V ac/dc	180...1800s	CWC07 - CWC016	12499438	\$ 133
TDC0-U003S-E09	100...240 V ac/dc	0.3...3s	CWC07 - CWC016	12499462	\$ 133
TDC0-U010S-E09	100...240 V ac/dc	1...10s	CWC07 - CWC016	12499439	\$ 133
TDC0-U030S-E09	100...240 V ac/dc	3...30s	CWC07 - CWC016	12499463	\$ 133
TDC0-U060S-E09	100...240 V ac/dc	6...60s	CWC07 - CWC016	12499440	\$ 133
TDC0-U100S-E09	100...240 V ac/dc	10...100s	CWC07 - CWC016	12499441	\$ 133
TDC0-U300S-E09	100...240 V ac/dc	30...300s	CWC07 - CWC016	12499442	\$ 133
TDC0-U030M-E09	100...240 V ac/dc	180...1800s	CWC07 - CWC016	12499464	\$ 133

#### TETCO - Wye-Delta

Part Number	Voltage	Timing	Mounting on	Material Number	List price each
TETCO-U030S-D52	24...28 V ac	3...30s	CWC07 - CWC016	12499443	\$ 106
TETCO-U030S-D61	110...130 V ac	3...30s	CWC07 - CWC016	12499459	\$ 106
TETCO-U030S-D66	220...240 V ac	3...30s	CWC07 - CWC016	12499387	\$ 106



1

2

3

4

5

6

7

# Accessories for Compact Contactors

## Accessories for Compact Contactors CWC0 Series

### Auxiliary Contact Blocks - Screw Type

#### 3-Pole CWC0

Part Number	Configuration		Assembly	Mounting on	Brazilian item code	List price each
	N.O.	N.C.				
BFC0-20	2	0	FRONT	CWC07 - CWC016	12499352	\$ 15
BFC0-11	1	1	FRONT	CWC07 - CWC016	12499350	\$ 51
BFC0-02	0	2	FRONT	CWC07 - CWC016	12499348	\$ 15
BFC0-40	4	0	FRONT	CWC07 - CWC016	12499359	\$ 24
BFC0-22	2	2	FRONT	CWC07 - CWC016	12499353	\$ 24
BFC0-04 <sup>2)</sup>	0	4	FRONT	CWC07 - CWC016	12499349	\$ 24
BFC0-31	3	1	FRONT	CWC07 - CWC016	12499358	\$ 24
BFC0-13 <sup>2)</sup>	1	3	FRONT	CWC07 - CWC016	12499351	\$ 24
BFC025-20	2	0	FRONT	CWC025	12499356	\$ 15
BFC025-11	1	1	FRONT	CWC025	12499355	\$ 15
BFC025-02	0	2	FRONT	CWC025	12499354	\$ 15
BFC025-22Z <sup>1)</sup>	2	2	FRONT	CWC025	12499357	\$ 24

#### 4-Pole CWC0

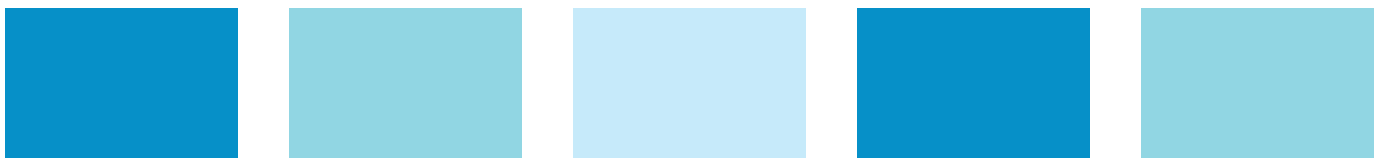
Part Number	Configuration		Assembly	Mounting on	Brazilian item code	List price each
	N.O.	N.C.				
BFC4-20	2	0	FRONT	CWC07 - CWC016	12499364	\$ 15
BFC4-11	1	1	FRONT	CWC07 - CWC016	12499362	\$ 15
BFC4-02	0	2	FRONT	CWC07 - CWC016	12499360	\$ 15
BFC4-40	4	0	FRONT	CWC07 - CWC016	12499367	\$ 24
BFC4-22	2	2	FRONT	CWC07 - CWC016	12499365	\$ 24
BFC4-04 <sup>2)</sup>	0	4	FRONT	CWC07 - CWC016	12499361	\$ 24
BFC4-31	3	1	FRONT	CWC07 - CWC016	12499366	\$ 24
BFC4-13 <sup>2)</sup>	1	3	FRONT	CWC07 - CWC016	12499363	\$ 24

#### Control Relays CWCA0

Part Number	Configuration		Assembly	Mounting on	Brazilian item code	List price each
	N.O.	N.C.				
BFCA-20	2	0	FRONT	CWCA0	12499382	\$ 15
BFCA-11	1	1	FRONT	CWCA0	12499380	\$ 15
BFCA-02	0	2	FRONT	CWCA0	12499378	\$ 15
BFCA-40	4	0	FRONT	CWCA0	12499385	\$ 24
BFCA-22	2	2	FRONT	CWCA0	12499383	\$ 24
BFCA-04 <sup>2)</sup>	0	4	FRONT	CWCA0	12499379	\$ 24
BFCA-31	3	1	FRONT	CWCA0	12499384	\$ 24
BFCA-13 <sup>2)</sup>	1	3	FRONT	CWCA0	12499381	\$ 24

Note: 1) UL pending.

2) The auxiliary contact blocks with configurations -13 or -04 must be used only in compact contactors with AC coil or 0.75 x U<sub>c</sub> DC coil.



# Accessories for Compact Contactors

## Accessories for Compact Contactors CWC0 Series

### Auxiliary Contact Blocks - Spring Type<sup>1)</sup>

#### 3-Pole CWC0

Part Number	Configuration		Assembly	Mounting on	Brazilian item code	List price each
	N.O.	N.C.				
BFC0-20S	2	0	FRONT	CWC07 - CWC012S	12499237	\$ 18
BFC0-11S	1	1	FRONT	CWC07 - CWC012S	12499235	\$ 18
BFC0-02S	0	2	FRONT	CWC07 - CWC012S	12499107	\$ 18
BFC0-40S	4	0	FRONT	CWC07 - CWC012S	12499310	\$ 29
BFC0-22S <sup>2)</sup>	2	2	FRONT	CWC07 - CWC012S	12499308	\$ 29
BFC0-04S <sup>2)</sup>	0	4	FRONT	CWC07 - CWC012S	12499228	\$ 29
BFC0-31S	3	1	FRONT	CWC07 - CWC012S	12499309	\$ 29
BFC0-13S <sup>2)</sup>	1	3	FRONT	CWC07 - CWC012S	12499236	\$ 29

#### 4-Pole CWC0

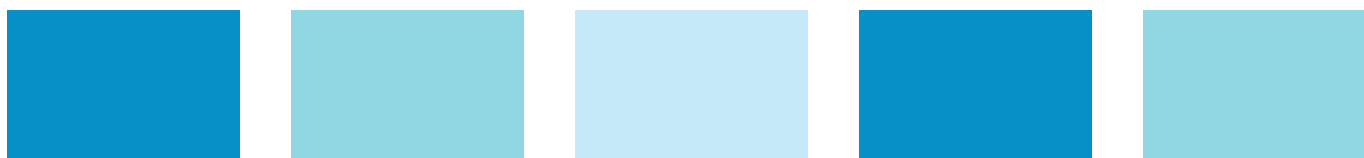
Part Number	Configuration		Assembly	Mounting on	Brazilian item code	List price each
	N.O.	N.C.				
BFC4-20S	2	0	FRONT	CWC07 - CWC012S	12499315	\$ 18
BFC4-11S	1	1	FRONT	CWC07 - CWC012S	12499313	\$ 18
BFC4-02S	0	2	FRONT	CWC07 - CWC012S	12499311	\$ 18
BFC4-40S	4	0	FRONT	CWC07 - CWC012S	12499318	\$ 29
BFC4-22S	2	2	FRONT	CWC07 - CWC012S	12499316	\$ 29
BFC4-04S <sup>2)</sup>	0	4	FRONT	CWC07 - CWC012S	12499312	\$ 29
BFC4-31S	3	1	FRONT	CWC07 - CWC012S	12499317	\$ 29
BFC4-13S <sup>2)</sup>	1	3	FRONT	CWC07 - CWC012S	12499314	\$ 29

#### Control Relays CWCA0

Part Number	Configuration		Assembly	Mounting on	Brazilian item code	List price each
	N.O.	N.C.				
BFCA-20S	2	0	FRONT	CWCA0_S	12499324	\$ 18
BFCA-11S	1	1	FRONT	CWCA0_S	12499321	\$ 18
BFCA-02S	0	2	FRONT	CWCA0_S	12499319	\$ 18
BFCA-40S	4	0	FRONT	CWCA0_S	12499327	\$ 29
BFCA-22S	2	2	FRONT	CWCA0_S	12499325	\$ 29
BFCA-04S <sup>2)</sup>	0	4	FRONT	CWCA0_S	12499320	\$ 29
BFCA-31S	3	1	FRONT	CWCA0_S	12499326	\$ 29
BFCA-13S <sup>2)</sup>	1	3	FRONT	CWCA0_S	12499322	\$ 29

Note: 1) UL pending.

2) The auxiliary contact blocks with configurations -13 or -04 must be used only in compact contactors with AC coil or 0.75 x U<sub>c</sub> DC coil.



# Accessories for Compact Contactors

## Accessories for Compact Contactors CWC0 Series

### Surge Suppressors

Part Number	Voltage	Type	Mounting on	Material Number	List price each
RCC0-1 D49	12 V...24 V 50/60 Hz	RC	CWC07 - CWC025	12500583	\$ 10
RCC0-2 D53	24 V...48 V 50/60 Hz	RC	CWC07 - CWC025	12500584	\$ 10
RCC0-3 D55	50 V...127 V 50/60 Hz	RC	CWC07 - CWC025	12500585	\$ 10
RCC0-4 D63	130 V...250 V 50/60 Hz	RC	CWC07 - CWC025	12500586	\$ 10
RCC0-5 D84	275 V...380 V 50/60 Hz	RC	CWC07 - CWC025	12500587	\$ 10
RCC0-6 D73	400 V...510 V 50/60 Hz	RC	CWC07 - CWC025	12500628	\$ 10
VRC0-1 E49	12...48 V ac / 12...60 V dc	Varistor	CWC07 - CWC025	12500630	\$ 10
VRC0-2 E34	50...127 V ac / 60...180 V dc	Varistor	CWC07 - CWC025	12500632	\$ 10
VRC0-3 E38	130...275 V ac / 180...300 V dc	Varistor	CWC07 - CWC025	12500633	\$ 10
VRC0-4 E41	277...380 V ac / 300...510 V dc	Varistor	CWC07 - CWC025	12500634	\$ 10
VRC0-5 D73	400...510 V ac	Varistor	CWC07 - CWC025	12500636	\$ 10
DICO-1 C33	12...600 V dc	Diode	CWC07 - CWC016	12500637	\$ 10
DIZCO C26	12...250 V dc	Diode	CWC07 - CWC016	12500649	\$ 10

### Printed Circuit Board Connector

Part Number	Mounting on	Material Number	List price each
CICO	CWC07 - CWC016	10075988	\$ 16

### Latch Block

Part Number	Assembly	Mounting on	Material Number	List price each
RMC0	FRONT	CWC07 - CWC016	12499467	\$ 12

### Mechanical Interlock Block

Part Number	Assembly	Mounting on	Material Number	List price each
BICO	FRONT	CWC07 - CWC016	12499466	\$ 10

### Busbar Connectors

#### Reversing Starter (with Electrical Interlock)

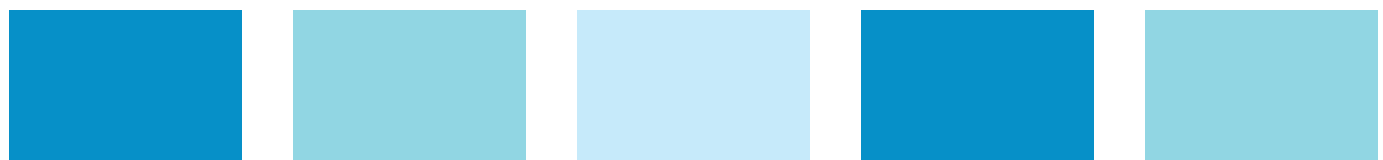
Part Number	Mounting on	Material Number	List price each
ECC0-R	CWC07 - CWC016	10047150	\$ 28

#### Reversing Starter (without Electrical Interlock)

Part Number	Mounting on	Material Number	List price each
ECC0-RNI	CWC07 - CWC016	11788681	\$ 28

#### Wye-Delta Starter

Part Number	Mounting on	Material Number	List price each
ECC0-SD	CWC07 - CWC016	10047151	\$ 32



## Accessories for CWB Contactors

### Front Mounted Auxiliary Contact Blocks



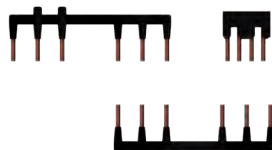
Part Number	Configuration		Assembly	Mounting on	Material Number	List price each
	N.O.	N.C.				
BFB-20	2	0	Front	CWB9...125 CWBNO0...3 CAWB	12122434	\$ 12
BFB-11	1	1			12123053	\$ 12
BFB-02	0	2			12122946	\$ 12
BFB-40	4	0			12122947	\$ 24
BFB-22	2	2			12123051	\$ 24
BFB-04	0	4			12123048	\$ 24
BFB-31	3	1			12123049	\$ 24
BFB-13	1	3			12123052	\$ 24

### Side Mounted Auxiliary Contact Blocks

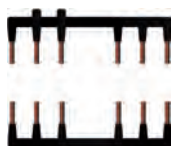


Part Number	Configuration		Assembly	Mounting on	Material Number	List price each
	N.O.	N.C.				
BLB-11	1	1	Side	CWB9...125 CWBS9...125 CWBNO0...3 CAWB / CAWBS	12187899	\$ 19
BLB-20	2	0			12187334	\$ 19
BLB-02	0	2			12187898	\$ 19
BLRB-11	1	1	2 <sup>nd</sup> Side		12230321	\$ 19
BLRB-20	2	0			12230319	\$ 19
BLRB-02	0	2			12230320	\$ 19

### Busbars Connectors



Part Number	Mounting on		Material Number	List price each
	k1 = k2	k3		
<b>Wye-delta starter</b>				
EC-SD1	CWB9...38, CWBS9...38, CWBNO0...1		12241230	\$ 75
EC-SD2	CWB40...80, CWBS40...80, CWBN2		13619635	\$ 86
EC-SD3	CWB95...125, CWBS95...125, CWBN3		15300079	\$ 101



Part Number	Mounting on		Material Number	List price each
	k1 = k2			
<b>Reversing starter</b>				
EC-R1	CWB9...38, CWBS9...38, CWBNO0...1		12241229	\$ 56
EC-R2	CWB40...80, CWBS40...80, CWBN2		13619637	\$ 69
EC-R3	CWB95...125, CWBS95...125, CWBN3		15299958	\$ 75

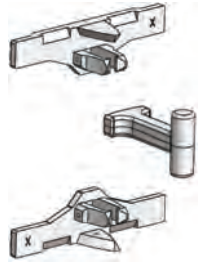
### Star-Delta Bridge Connector



Part Number	Description	Contactors	Material Number	List price each
SBCB9-38	Bridge connector for K3 contactor in star-delta starter	CWB9...38 CWBS9...38 CWBNO0...1	13454331	\$ 14
SBCB40-80		CWB40...80 CWBS40...80 CWBN2	13913428	\$ 19
SBCB95-125		CWB95...125 CWBS95...125 CWBN3	15784114	\$ 22

## Accessories for CWB Contactors

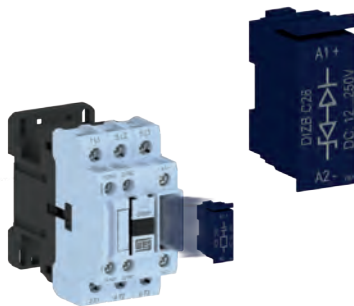
### Mechanical Interlock Kit



Part Number	Mounting on	Material Number	List price each
IM1	CWBS9...38, CWBS9...38, CWBN00...1 <sup>1)</sup>	12244300	\$ 9
IM2	CWB40...125, CWBS40...80, CWBN 2/3 <sup>1)</sup>	13765620	\$ 9

Note: 1) For interlocking two contactors with AC coils or two contactors with DC coils. The interlocking of one contactor with AC coil with another with DC coil is not possible.

### Surge Suppressors for CWB Series Contactors<sup>1)</sup>



Part Number	Voltage	Type	Mounting on	Material Number	List price each
RCB D53	24 - 48 V ac	RC	CWB9...110 / CWBS9...80 / CWBN00...3 / CAWB / CAWBS (AC coil)	12242511	\$ 29
RCB D55	50 - 127 V ac	RC		12242512	\$ 29
RCB D63	130 - 250 V ac	RC		12242513	\$ 29
DIB C33	12-600 V dc	Diode	CWB9...80 / CWBS9...80 / CWBN00...2 / CAWB / CAWBS (DC coil)	12242560	\$ 29
DIZB C26	12-250 V dc	Zener diode		12242561	\$ 29
VRB E49	12 - 48 V ac / 12 - 60 V dc	Varistor	CWB9...110 / CWBS9...80 / CWBN00...3 / CAWB / CAWBS (AC and / or DC coil)	12242514	\$ 29
VRB E34	50 - 127 V ac / 60 - 180 V dc			12242515	\$ 29
VRB E50	130 - 250 V ac / 180 - 300 V dc			12242516	\$ 29
VRB E41	277 - 380 V ac / 300 - 510 V dc			12242517	\$ 29
VRB D73	400 - 510 V ac			12242558	\$ 29

Note: 1) Already integrated in contactors with AC/DC electronic coils.

### Smart connection SCW100 <sup>1)</sup>



Part Number	Description	For use with	Material Number	Unit Price (AUD)
SCW100-CM-011	Connection modules for 1 direct on-line starter with: 1 motor protective circuit breaker + 1x ECCMP connector + 1 DC contactor	MPW40 + ECCMP-40B38DC + 1x CWB9...38 DC coil	14979091	\$ 160
SCW100-CM-012	Connection modules for 1 reversing starter with: 1 motor protective circuit breaker + 1x connector ECCMP + 2 DC contactors + EC reversing busbars	MPW40 + ECCMP-40B38DC + 2x CWB9...38 DC coil + EC-R1	14979097	\$ 233
SCW100-CM-001	Connection module for direct on-line starter with 1 contactor	1 x CWB9...38 DC/CC coil	14979096	\$ 74
SCW100-CM-002	Connection module for reversing starter with 2 contactors	2 x CWB9...38 DC/CC coil	14979094	\$ 147
SCW100-RJ-010	Special RJ45 cable for SCW100 - Length: 1 m	SCW100-SM-*** + SCW100-CM*	15236626	\$ 21
SCW100-RJ-020	Special RJ45 cable for SCW100 - Length: 2 m		15236627	\$ 32
SCW100-SM-MOD	Modbus-RTU communication starter manager with (RS485)	Up to 4x SCW100-CM* modules	14979005	\$ 375
SCW100-CN-CD4V	Double terminal for power supply or communication	SCW100-SM-***	15730751	\$ 30

Note: UL pending



## Spare Parts for CWB Contactors

### Spare AC Coils for Contactors CWB Series<sup>2)</sup>

Part Number	Contactors	Material Number 50/60 Hz							List price each
		D02 (24 V)	D07 (48 V)	D15 (120 V)	V24 (208-240 V)	D33 (380 V)	D39 (480 V)	D45 (600 V)	
BRB-38 ▲	CWB9...38 / CWBS9...38 / CWBNO0...1 CAWB / CAWBS	12243117	12657821	12949297	13933164	12243220	12868233	12679439	\$ 14
BRB-80 ▲	CWB40...80 / CWBS40...80 CWB2	13909651	14349098	13909655	13909657	13909676	14287708	14528552	\$ 25
BRB-110 ▲	CWB95...110 CWB3	15258080	15479765	15480048	15477722	15480049	15480050	15480051	\$ 30

### Spare DC and AC/DC Coils for Contactors CWB<sup>1)2)</sup>

Part Number	Contactors	Material Number				List price each
		C03 (24 V dc)	C07 (48 V dc)	C12 (110 V dc)	C15 (220 V dc)	
BRB-80 ▲	CWB40...80 / CWBS40...80 / CWB2	13909696	Under request	14794463	13909719	\$ 98

Part Number	Contactors	Material Number		List price each
		E04 (24-60 V ac/dc)	E65 (110-255 V ac/dc)	
BRB-125 ▲	CWB95...125	15479907	15233682	\$ 197

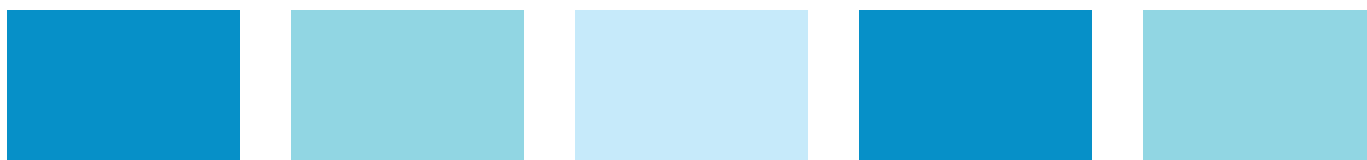
### Contact Set<sup>1)</sup>

Part Number	Mounting on	Material Number	List price each
JC CWB40-3P	CWB40 - 3P	13930446	\$ 72
JC CWB50-3P	CWB50 - 3P	13930468	\$ 87
JC CWB65-3P	CWB60 - 3P	13930470	\$ 105
JC CWB80-3P	CWB80 - 3P	13930473	\$ 111
JC CWB95-3P	CWB95 - 3P	15234419	\$ 190
JC CWB110-3P	CWB110 - 3P	15234421	\$ 219
JC CWB125-3P	CWB125 - 3P	15234422	\$ 326

Notes: 1) Spare DC coils and contact sets not available to CWB9...38.

2) Other coil voltages on request.

▲ - Smart code of the rated voltage.



## Accessories for CWM Contactors

### Accessories for Contactors CWM Series

#### Auxiliary Contact Blocks

Part Number	Configuration		Assembly	Mounting on	Material Number	List price each
	N.O.	N.C.				
BCXMF10	1	0	FRONT	CWM9 - CWM105	10356473	\$ 6
BCXMF01	0	1	FRONT	CWM9 - CWM105	10356494	\$ 6
BCXMFA10	1 early	0	FRONT	CWM9 - CWM105	10186059	\$ 18
BCXMF01	0	1 delayed	FRONT	CWM9 - CWM105	10045713	\$ 18
BCXML11	1	1	SIDE	CWM9 - CWM300	10459053	\$ 19
BCXML20	2	0	SIDE	CWM9 - CWM300	10045714	\$ 19
BCXMRL11	1	1	2 <sup>nd</sup> . SIDE	CWM9 - CWM300	10045715	\$ 19
BCXMRL20	2	0	2 <sup>nd</sup> . SIDE	CWM9 - CWM300	10186060	\$ 19
BCXML11 CWM800	1	1	SIDE	CWM400 - CWM800	10186852	\$ 61
BCXMRL11 CWM800	1	1	2 <sup>nd</sup> . SIDE	CWM400 - CWM800	10766850	\$ 61
BCXMF10-AU <sup>1)</sup>	1	0	FRONT	CWM9 - CWM105	12521624	\$ 21
BCXMF01-AU <sup>1)</sup>	0	1	FRONT	CWM9 - CWM105	12521625	\$ 21

#### Busbar Connectors

##### Busbars Wye-Delta Starter

Part Number	Mounting on		Horse power rating (HP)			Material Number	List price each
	k1 = k2	k3	230 V	460 V	575 V		
EC-SD-15	CWM9	CWM9	3	5	5	10045347	\$ 50
	CWM9	CWM9	5	7.5	7.5		
	CWM9	CWM9	-	10	10		
	CWM12	CWM9	-	15	15		
	CWM18	CWM9	7.5	20	20		
	CWM18	CWM9	10	-	25		
EC-SD-22	CWM18	CWM12	-	-	30	10045323	\$ 66
	CWM25	CWM12	-	25	-		
EC-SD-22	CWM25	CWM18	15	30	40	10045323	\$ 66
EC-SD-25	CWM32	CWM18	20	40	50	10074592	\$ 68
EC-SD-30	CWM40	CWM25	25	50	60	10045324	\$ 82
EC-SD-55	CWM50	CWM32	30	60	75	10185928	\$ 92
	CWM65	CWM32	-	75	-		
	CWM65	CWM40	40	-	100		
EC-SD-75	CWM80	CWM50	50	100	125	11134959	\$ 101
EC-SD-90	CWM95	CWM50	60	-	150	10045326	\$ 101
EC-SD-90	CWM95	CWM65	-	125	-	10045326	\$ 101

##### Busbars Reversing Starter

Part Number	Mounting on	Horse power rating (HP)			Material Number	List price each
	k1 = k2	230 V	460 V	575 V		
EC-R-7.5	CWM9	3	5	7.5	10071342	\$ 39
	CWM12	3	7.5	10		
	CWM18	5	10	15		
EC-R-11	CWM25	7.5	15	15	10185926	\$ 56
EC-R-18.5	CWM32	10	20	25	10071340	\$ 66
	CWM40	15	30	25		
	CWM50	15	40	40		
EC-R-37	CWM65	20	50	50	10185927	\$ 83
	CWM80	25	50	60		
	CWM80	25	50	60		

Note: 1) Without UL certification. Special contact blocks for very low currents (1 mA / 17 V).

# Accessories for CWM Contactors

## Accessories for Contactors CWM Series

### Mechanical Interlock Block

Part Number	Configuration		Mounting on	Material Number	List price each
	N.O.	N.C.			
BLIM 9-105	0	0	CWM9 - CWM105	10410084	\$ 26
BLIM.02	0	2	CWM9 - CWM105	10046839	\$ 31
BLIM 112-300	0	0	CWM112 - CWM300	10045676	\$ 75
BLIM CWM400	0	0	CWM400 3P/4P	10186853	\$ 60
BLIM CWM800	0	0	CWM500 - CWM800 3P	10047279	\$ 1,804
BLIM CWM800-4P	0	0	CWM500 - CWM800 4P	11308440	\$ 2,435

### Contact Set

Part Number	Mounting on	Material Number	List price each
JC CWM9-3P	CWM9	10410069	\$ 12
JC CWM12-3P	CWM12	10410070	\$ 13
JC CWM18-3P	CWM18	10410071	\$ 14
JC CWM25-3P	CWM25	10410072	\$ 39
JC CWM32-3P	CWM32	10410073	\$ 47
JC CWM40-3P	CWM40	10410074	\$ 98
JC CWM50-3P	CWM50	10410075	\$ 114
JC CWM65-3P	CWM65	10410076	\$ 142
JC CWM80-3P	CWM80	10410077	\$ 142
JC CWM95-3P	CWM95	10410078	\$ 190
JC CWM105-3P	CWM105	10410079	\$ 219
JC CWM112-3P	CWM112	10410050	\$ 326
JC CWM150-3P	CWM150	10186245	\$ 366
JC CWM180-3P	CWM180	10410051	\$ 512
JC CWM215-3P	CWM215	15291777	\$ 563
JC CWM250-3P	CWM250	10186043	\$ 937
JC CWM300-3P	CWM300	10187066	\$ 994
JC CWM400-3P	CWM400	10213097	\$ 505
JC CWM450-3P	CWM450	14642876	\$ 790
JC CWM500-3P	CWM500	11931132	\$ 606
JC CWM560-3P	CWM560	14642877	\$ 860
JC CWM630-3P	CWM630	10213098	\$ 632
JC CWM800-3P	CWM800	10213099	\$ 752

### Surge Suppressors for CWM Series Contactors

#### RC

Part Number	Voltage	Type	Mounting on	Material Number	List price each
BAMRC4 D53	24 - 48 V ac	RC	CWM9 - CWM40	10045301	\$ 29
BAMRC5 D55	50 - 127 V ac	RC	CWM9 - CWM40	10045302	\$ 29
BAMRC6 D63	130 - 250 V ac	RC	CWM9 - CWM40	10409766	\$ 29
BAMRC7 D53	24 - 48 V ac	RC	CWM50 - CWM105	10045303	\$ 29
BAMRC8 D55	50 - 127 V ac	RC	CWM50 - CWM105	10045304	\$ 29
BAMRC9 D63	130 - 250 V ac	RC	CWM50 - CWM105	10409767	\$ 29
BAMRC13 D53	24 - 48 V ac	RC	CWM112 - CWM250	10046242	\$ 29
BAMRC14 D56	50 - 250 V ac	RC	CWM112 - CWM250	10046243	\$ 29

#### Varistor

Part Number	Voltage	Type	Mounting on	Material Number	List price each
BAMV1 D68	270 - 380 V ac	Varistor	CWM9 - CWM105	10664749	\$ 29
BAMV2 D73	400 - 510 V ac	Varistor	CWM9 - CWM105	10046382	\$ 29
BAMV3 D68	270 - 380 V ac	Varistor	CWM112 - CWM250	10046383	\$ 29
BAMV4 D73	400 - 510 V ac	Varistor	CWM112 - CWM250	10046384	\$ 29
BAMV5 E65 <sup>1)</sup>	110-255 V ac/dc	Varistor	CWM450/560	14673148	\$ 29

#### Diode

Part Number	Voltage	Type	Mounting on	Material Number	List price each
BAMD10 C33	12-600 V dc	Diode	CWM9 - CWM25	10045305	\$ 29

Note: 1) Already integrated with AC/DC coils. Sold as spare part only.

# Accessories for CWM Contactors

## Accessories for Contactors CWM Series

### Adapters for Eye Bolt Terminals<sup>1)</sup>

Part Number	Mounting on	Material Number	List price each
ATO 50/65/80	CWM 50/65/80	10070852	\$ 23
ATO 95/105	CWM 95/105	10045716	\$ 104

### Parallel Connection Bar<sup>1)</sup>

Part Number	Mounting on	Material Number	List price each
BCP-CWM50-105	CWM 50...105	10070853	\$ 17

### Extinguish Chambers

Part Number	Mounting on	Material Number	List price each
CE112	CWM112	10045675	\$ 117
CE150	CWM150	10071711	\$ 122
CE180	CWM180	10071515	\$ 182
CE215	CWM215	15395234	\$ 205
CE250	CWM250	10071516	\$ 226
CE300	CWM300	10657219	\$ 253

### AC Coils for Contactors CWM Series - 60 Hz

Part Number	Contactors	Material Number								List price each
		24 V	48 V	120 V	208 V	240 V	208-240 V	480 V	600 V	
		V04	V10	V18	V23	V30	V24	V47	V56	
BCA4-25 ▲	CWM9 - 25	10045698	10070850	10186056	10186218	10070851	10186344	10045711	10071536	\$ 13
BCA4-40 ▲	CWM32/40	10047467	10651436	10187579	10651198	10187582	10047479	10656594	10657637	\$ 20
BCA-105 ▲	CWM50 - 105	10045687	10045688	10045690	10071537	10045712	10186345	10656778	10071539	\$ 30
BCA-112 ▲	CWM112	N/A	10071518	10071523	10074600	10074601	N/A	10074603	10074604	\$ 32
BCA-180 ▲	CWM180	N/A	10074605	10071526	10074606	10072447	N/A	10074608	10074609	\$ 59
BCA-250 ▲	CWM250	N/A	10071528	10071529	10074610	10074611	N/A	10656769	10074613	\$ 80

### AC Coils for Contactors CWMC Series - 60 Hz

Part Number	Contactors	Material Number					List price each
		24 V	120 V	208 V	240 V	480 V	
		X04	X18	X23	X30	X47	
BCA4-25 ▲	CWMC9 - 18	12095908	11703672	11760378	11850621	11703597	\$ 23
BCA4-40 ▲	CWMC32	12001731	11703701	11760379	11850622	11703702	\$ 31
BCA-105 ▲	CWMC50 - 80	12095867	11703699	11760380	11850623	11703698	\$ 31

### Terminal Cover for CWM Series Contactors<sup>1)</sup>

Part Number	Mounting on	Packing (units)	Material Number	List price each
BMP CWM150	CWM112/150	Set with 2 terminal covers	11762172	\$ 114
BMP CWM180	CWM180/215	Set with 2 terminal covers	11762174	\$ 114
BMP CWM300	CWM250/300	Set with 2 terminal covers	11762177	\$ 114
BMP CWM560	CWM450/560	Set with 2 terminal covers	14217708	\$ 114
BMP CWM400	CWM400 - 3P	Set with 2 terminal covers	10047280	\$ 55
BMP CWM800	CWM500 - CWM800 - 3P	Set with 2 terminal covers	10047281	\$ 109

Note: Each set comes with 2 terminal covers, one for incoming terminals and other for outgoing terminals.

Part Number	Mounting on	Packing (units)	Material Number	List price each
BMP1 CWM150	CWM112/150	1 terminal cover	11898596	\$ 57
BMP1 CWM180	CWM180/215	1 terminal cover	11898597	\$ 57
BMP1 CWM300	CWM250/300	1 terminal cover	11898638	\$ 57
BMP1 CWM560	CWM450/560	1 terminal cover	14218938	\$ 57

Note: Each set comes with 1 terminal cover (incoming or outgoing terminals).

Note: 1) UL not yet submitted.

▲ - Smart code of the rated voltage.

# Accessories for CWM Contactors

## Accessories for Contactors CWM Series

### Terminal Lugs for CWM Series Contactors (Set of 3 per Package)

Part Number	Mounting on	Material Number	List price each
BMJ CWM400	CWM400 - 3P	10186854	\$ 47
BMJ CWM800	CWM500 - CWM800 - 3P	10186855	\$ 100

### DC Coils for Contactors CWM Series

Part Number	Contactors	Material Number			List price each
		24 V	48 V	110 V	
BCC-25 ▲	CWM9 - 25	C03 10045694	C07 10662949	C12 10186053	\$ 41
Part Number	Contactors	Material Number			List price each
		24-28 V	42-50 V	110-130 V	
BECC4-40 ▲	CWM32/40	C34 10213264	C37 10685149	C40 10685151	\$ 95
BECC-105 ▲	CWM50 - 105	10685182	10685183	10685200	\$ 107

### AC/DC Coils for Contactors CWM Series

Part Number	Contactors	Material Number						List price each
		24-28 V ac/dc	42-50 V ac/dc	110-130 V ac/dc	208-250 V ac/dc	360-415 V ac/dc	430-500 V ac/dc	
BCE-150 ▲	CWM112/150	E02 10072981	E06 10866622	E10 10071579	E13 10071580	E16 10046378	E21 10046556	\$ 37
BCE-215 ▲	CWM180/215	10072982	10866623	10071581	10071582	10076211	10072984	\$ 61
BCE-300 ▲	CWM250 - 300	10072983	10866624	10071583	10071584	10076212	10072985	\$ 100
Part Number	Contactors	Material Number						List price each
		110-255 V ac/dc						
BCE-560▲	CWM450/560	E65 14642794						\$ 191
Part Number	Contactors	Material Number						List price each
		100-127 V ac / 100-110 V dc	100-240 V ac / 100-220 V dc	200-240 V ac / 200-220 V dc	265-347 V ac	380-450 V ac	440-575 V ac	
BCE-400 ▲	CWM400	E35 -	E36 11746768	E39 -	D80 11746769	D81 11746772	D82 11746774	\$ 677
BCE-800 ▲	CWM500 - 800	11746776	-	11746777	11746778	11746779	11746780	\$ 827

Note: These coils are now available or will be supplied when old Part Number's stock is no longer available.

### Electronic Module

Part Number	Contactors	Material Number			List price each
		110-130 V ac/dc	208-250 V ac/dc	360-415 V ac/dc	
ME-300▲	CWM112 -300	E10 10046223	E13 10046264	E16 10072133	\$ 251
Part Number	Contactors	Material Number			List price each
		110-255 V ac/dc			
ME-560▲	CWM450/560	E65 14673209			\$ 251

### Star-Delta Bridge Connector<sup>1)</sup>

Part Number	Description	Contactors	Material Number	List price each
SBCM9-18	Bridge connector for K3 contactor in star-delta starter	CWM9...18	11856299	\$ 13
SBCM25		CWM25	11879830	\$ 14
SBCM32-40		CWM32/40	11856300	\$ 20
SBCM50-65		CWM50/65	11856302	\$ 22

### Terminal Block for Power Terminals<sup>1)</sup>

Part Number	Description	Contactors	Material Number	List price each
TB150	1 piece for three pole terminals, ensuring IP20 protection degree on front	CWM112/150	12374182	\$ 125
TB180		CWM180/215	12374183	\$ 128
TB300		CWM250/300	12374184	\$ 165

Note: 1) UL not yet submitted.

▲ - Smart code of the rated voltage.

## Accessories for 4-Pole Contactors

### Accessories for 4-Pole Contactors CWM Series

#### Contact Set

#### 4-Pole CWM

Part Number	Mounting on	Material Number	List price each
JC CWM12-2P/2R	CWM 12-2P/2R	10186063	\$ 26
JC CWM18-2P/2R	CWM 18-2P/2R	10682151	\$ 28
JC CWM12-4P	CWM 12-4P	10662915	\$ 22
JC CWM18-4P	CWM 18-4P	10662916	\$ 25

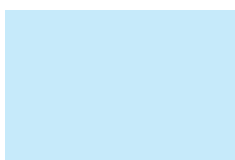
## 3-Pole RW17-D Bimetallic Overload Relays - Class 10 - For CWC0 Contactors

### 3-Pole Thermal Overload Relay



RW17

Part Number	Rated current (A)	Direct mounting on	Material Number	List price each
RW17-1D3-D004	0.28...0.4	CWC07...16 (screw)	12450892	\$ 61
RW17-1D3-C063	0.4...0.63	CWC07...16 (screw)	12450895	\$ 61
RW17-1D3-D008	0.56...0.8	CWC07...16 (screw)	12450896	\$ 61
RW17-1D3-D012	0.8...1.2	CWC07...16 (screw)	12450897	\$ 61
RW17-1D3-D018	1.2...1.8	CWC07...16 (screw)	12450898	\$ 61
RW17-1D3-D028	1.8...2.8	CWC07...16 (screw)	12450899	\$ 61
RW17-1D3-U004	2.8...4	CWC07...16 (screw)	12450900	\$ 61
RW17-1D3-D063	4...6.3	CWC07...16 (screw)	12450901	\$ 61
RW17-1D3-U008	5.6...8	CWC07...16 (screw)	12450903	\$ 61
RW17-1D3-U010	7...10	CWC07...16 (screw)	12450905	\$ 61
RW17-1D3-D125	8...12.5	CWC07...16 (screw)	12450906	\$ 61
RW17-1D3-U015	10...15	CWC07...16 (screw)	12450907	\$ 61
RW17-1D3-U017	11...17	CWC07...16 (screw)	12450908	\$ 61
RW17-2D3-U010	7...10	CWC025	12450909	\$ 61
RW17-2D3-D125	8...12.5	CWC025	12450910	\$ 61
RW17-2D3-U015	10...15	CWC025	12450911	\$ 61
RW17-2D3-U017	11...17	CWC025	12450912	\$ 61
RW17-2D3-U023	15...23	CWC025	12450913	\$ 64
RW17-2D3-U032	22...32	CWC025	12450914	\$ 64



## 3-Pole Bimetallic Overload Relays - Class 10 - For CWB Contactors

### 3-Pole Bimetallic Overload Relays - Class 10



RW27-2D

Part Number	Range (A)	Mounting on	Material Number	List price each
RW27-2D3-D004	0.28...0.4	CWB9...38, CWBS9...38	12140441	\$ 61
RW27-2D3-C063	0.43...0.63	CWB9...38, CWBS9...38	12140442	\$ 61
RW27-2D3-D008	0.56...0.8	CWB9...38, CWBS9...38	12140443	\$ 61
RW27-2D3-D012	0.8...1.2	CWB9...38, CWBS9...38	12140444	\$ 61
RW27-2D3-D018	1.2...1.8	CWB9...38, CWBS9...38	12140445	\$ 61
RW27-2D3-D028	1.8...2.8	CWB9...38, CWBS9...38	12140446	\$ 61
RW27-2D3-U004	2.8...4	CWB9...38, CWBS9...38	12140447	\$ 61
RW27-2D3-D063	4...6.3	CWB9...38, CWBS9...38	12140448	\$ 61
RW27-2D3-U008	5.6...8	CWB9...38, CWBS9...38	12140449	\$ 69
RW27-2D3-U010	7...10	CWB9...38, CWBS9...38	12140450	\$ 69
RW27-2D3-D125	8...12.5	CWB9...38, CWBS9...38	12140451	\$ 69
RW27-2D3-U015	10...15	CWB9...38, CWBS9...38	12140452	\$ 69
RW27-2D3-U017	11...17	CWB9...38, CWBS9...38	12140453	\$ 69
RW27-2D3-U023	15...23	CWB9...38, CWBS9...38	12140454	\$ 69
RW27-2D3-U032	22...32	CWB9...38, CWBS9...38	12140455	\$ 69
RW27-2D3-U040	32...40	CWB9...38, CWBS9...38	12140456	\$ 80
RW67-5D3-U040	25...40	CWB40...80	13368960	\$ 121
RW67-5D3-U050	32...50	CWB40...80	13368961	\$ 130
RW67-5D3-U057	40...57	CWB40...80	13368962	\$ 130
RW67-5D3-U063	50...63	CWB40...80	13368963	\$ 130
RW67-5D3-U070	57...70	CWB40...80	13368964	\$ 155
RW67-5D3-U080	63...80	CWB40...80	13368965	\$ 155
RW117-3D3-U080 <sup>1)</sup>	63...80	CWB95...125	14204758	\$ 198
RW117-3D3-U097 <sup>1)</sup>	75...97	CWB95...125	14204759	\$ 198
RW117-3D3-U112 <sup>1)</sup>	90...112	CWB95...125	14204761	\$ 198
RW117-3D3-U140 <sup>1)</sup>	110...140	CWB95...125	14204762	\$ 217

## 3-Pole Solid State Overload Relays - For CWB Contactors



Part Number	Rated current (A)	Direct mounting on	Material Number	List price each
RWB40E-3-R4U002	0,4...2 A	CWB9...38 CWBS9...38	14773637	\$ 326
RWB40E-3-R4U008	1,6...8 A		14773635	\$ 326
RWB40E-3-R4U025	5...25 A		14773632	\$ 326
RWB40E-3-R4U040	8...40 A		14773631	\$ 326

### 3-Pole Solid State Overload Relays - Adjustable Tripping Class 10, 20 and 30



Part Number	Range (A)	Mounting on	Material Number	List price each
RWB40E-3-A4U002	0,4...2 A	CWB9...38, CWBS9...38	12786062	\$ 311
RWB40E-3-A4U008	1,6...8 A	CWB9...38, CWBS9...38	12786061	\$ 311
RWB40E-3-A4U025	5...25 A	CWB9...38, CWBS9...38	12786060	\$ 311
RWB40E-3-A4U040	8...40 A	CWB9...38, CWBS9...38	12786059	\$ 311

Note: 1) UL pending.

## 3-Pole Bimetallic Overload Relays - Class 10 - For CWM Contactors

### 3-Pole Bimetallic Overload Relays - Class 10



RW27-1D3



RW67



RW117-1D3



RW317

Part Number	Rated current (A)	Direct mounting on	Material Number	List price each
RW27-1D3-D004	0.28...0.4	CWM9...CWM40	10045630	\$ 61
RW27-1D3-C063	0.43...0.63	CWM9...CWM40	10186032	\$ 61
RW27-1D3-D008	0.56...0.8	CWM9...CWM40	10186033	\$ 61
RW27-1D3-D012	0.8...1.2	CWM9...CWM40	10045631	\$ 61
RW27-1D3-D018	1.2...1.8	CWM9...CWM40	10045632	\$ 61
RW27-1D3-D028	1.8...2.8	CWM9...CWM40	10452548	\$ 61
RW27-1D3-U004	2.8...4	CWM9...CWM40	10452213	\$ 61
RW27-1D3-D063	4...6.3	CWM9...CWM40	10045633	\$ 61
RW27-1D3-U008	5.6...8	CWM9...CWM40	10452197	\$ 69
RW27-1D3-U010	7...10	CWM9...CWM40	10045634	\$ 69
RW27-1D3-D125	8...12.5	CWM9...CWM40	10452967	\$ 69
RW27-1D3-U015	10...15	CWM9...CWM40	10452384	\$ 69
RW27-1D3-U017	11...17	CWM9...CWM40	10452204	\$ 69
RW27-1D3-U023	15...23	CWM9...CWM40	10452205	\$ 69
RW27-1D3-U032	22...32	CWM9...CWM40	10452382	\$ 69
RW67-1D3-U040	25...40	CWM32...CWM40	10452216	\$ 121
RW67-1D3-U050	32...50	CWM32...CWM40	10452217	\$ 130
RW67-2D3-U040	25...40	CWM50...CWM80	10844133	\$ 121
RW67-2D3-U050	32...50	CWM50...CWM80	10186035	\$ 130
RW67-2D3-U057	40...57	CWM50...CWM80	10452201	\$ 130
RW67-2D3-U063	50...63	CWM50...CWM80	10452218	\$ 130
RW67-2D3-U070	57...70	CWM50...CWM80	10045635	\$ 155
RW67-2D3-U080	63...80	CWM50...CWM80	10045636	\$ 155
RW117-1D3-U080	63...80	CWM95...CWM105	10186370	\$ 198
RW117-1D3-U097	75...97	CWM95...CWM105	10410002	\$ 198
RW117-1D3-U112	90...112	CWM95...CWM105	10410003	\$ 198
RW117-2D3-U097	75...97	CWM112 <sup>1)</sup>	10045646	\$ 239
RW117-2D3-U112	90...112	CWM112 <sup>1)</sup>	10410004	\$ 239
RW317-1D3-U150	100...150	CWM150 - CWM300 <sup>1)</sup>	10045647	\$ 333
RW317-1D3-U215	140...215	CWM150 - CWM300 <sup>1)</sup>	10410005	\$ 333
RW317-1D3-U310	200...310	CWM150 - CWM300 <sup>1)</sup>	10410006	\$ 416
RW317-1D3-U420	275...420	CWM150 - CWM450 <sup>1)</sup>	10410007	\$ 416
RW407-1D3-U600	400...600	CWM400 - CWM800 <sup>1)</sup>	10452250	\$ 890
RW407-1D3-U840	560...840	CWM400 - CWM800 <sup>1)</sup>	10045637	\$ 974
RW407-2D3-U600	400...600	CWM400 - CWM800 <sup>1)</sup>	11557888	\$ 890
RW407-2D3-U840	560...840	CWM400 - CWM800 <sup>1)</sup>	11557866	\$ 974

## 3-Pole Solid State Overload Relays - For CWM Contactors

### 3-Pole Solid State Overload Relays - Adjustable Tripping Class 10, 20 and 30 with Remote Reset: 24 VDC



Part Number	Rated current (A)	Direct mounting on	Material Number	List price each
RWM40E-3-R4U002	0.4...2 A	CWM9-40	14773683	\$ 326
RWM40E-3-R4U008	1.6...8 A		14773682	\$ 326
RWM40E-3-R4U025	5...25 A		14773680	\$ 326
RWM40E-3-R4U040	8...40 A		14773678	\$ 326
RWM112E-3-R4U056	14...56 A	CWM50...105	14773686	\$ 343
RWM112E-3-R4U112	28...112 A		14773718	\$ 343
RWM420E-3-R4U250	50...250 A	CWM112...450 <sup>1)</sup>	14773721	\$ 777
RWM420E-3-R4U420	112...420 A	CWM500...800 <sup>1)</sup>	14773720	\$ 847
RWM840E-3-R4U840	170...840 A		14773723	\$ 1,898

Note: 1) Separate mounting on.



## 3-Pole Solid State Overload Relays - For CWM Contactors

### 3-Pole Solid State Overload Relays - Adjustable Tripping Class 10, 20 and 30



Part Number	Range (A)	Direct mounting on	Material Number	List price each
RWM40E-3-A4U002	0.4...2 A	CWM9-40	11454460	\$ 311
RWM40E-3-A4U008	1.6...8 A		11454459	\$ 311
RWM40E-3-A4U025	5...25 A		11454417	\$ 311
RWM40E-3-A4U040	8...40 A		11373597	\$ 311
RWM112E-3-A4U056	14...56 A	CWM50...105	11114728	\$ 326
RWM112E-3-A4U112	28...112 A	CWM50...105	11114729	\$ 326
RWM420E-3-A4U250	50...250 A	CWM112...450 <sup>1)</sup>	12802652	\$ 733
RWM420E-3-A4U420	112...420 A	CWM112...450 <sup>1)</sup>	11455846	\$ 806
RWM840E-3-A4U840	170...840 A	CWM500...800 <sup>1)</sup>	11455847	\$ 1,808

Note: 1) Separate mounting on.

## 2-Pole Bimetallic Overload Relays - Class 10 - For CWC0 Contactors

### 2-Pole Thermal Overload Relay



RW17

Part Number	Rated current (A)	Direct mounting on	Material Number	List price each
RW17-1D2-D004	0.28...0.4	CWC07...16 (screw)	12515117	\$ 58
RW17-1D2-C063	0.4...0.63	CWC07...16 (screw)	12515189	\$ 58
RW17-1D2-D008	0.56...0.8	CWC07...16 (screw)	12515190	\$ 58
RW17-1D2-D012	0.8...1.2	CWC07...16 (screw)	12515192	\$ 58
RW17-1D2-D018	1.2...1.8	CWC07...16 (screw)	12515193	\$ 58
RW17-1D2-D028	1.8...2.8	CWC07...16 (screw)	12515194	\$ 58
RW17-1D2-U004	2.8...4	CWC07...16 (screw)	12515211	\$ 58
RW17-1D2-D063	4...6.3	CWC07...16 (screw)	12515213	\$ 58
RW17-1D2-U008	5.6...8	CWC07...16 (screw)	12515214	\$ 58
RW17-1D2-U010	7...10	CWC07...16 (screw)	12515215	\$ 58
RW17-1D2-D125	8...12.5	CWC07...16 (screw)	12515217	\$ 58
RW17-1D2-U015	10...15	CWC07...16 (screw)	12515195	\$ 58
RW17-1D2-U017	11...17	CWC07...16 (screw)	12515208	\$ 58
RW17-2D2-U010	7...10	CWC025	12515216	\$ 58
RW17-2D2-D125	8...12.5	CWC025	12515228	\$ 58
RW17-2D2-U015	10...15	CWC025	12515196	\$ 58
RW17-2D2-U017	11...17	CWC025	12515209	\$ 58
RW17-2D2-U023	15...23	CWC025	12515210	\$ 60
RW17-2D2-U032	22...32	CWC025	12515212	\$ 60

## 2-Pole Bimetallic Overload Relays - Class 10 - For CWB Contactors

### 2-Pole Bimetallic Overload Relays - Class 10



RW27

Part Number	Range (A)	Mounting on	Material Number	List price each
RW27-2D2-D004	0.28...0.4	CWB9...CWB38	12140369	\$ 58
RW27-2D2-C063	0.43...0.63	CWB9...CWB38	12140370	\$ 58
RW27-2D2-D008	0.56...0.8	CWB9...CWB38	12140372	\$ 58
RW27-2D2-D012	0.8...1.2	CWB9...CWB38	12140373	\$ 58
RW27-2D2-D018	1.2...1.8	CWB9...CWB38	12140375	\$ 58
RW27-2D2-D028	1.8...2.8	CWB9...CWB38	12140377	\$ 58
RW27-2D2-U004	2.8...4	CWB9...CWB38	12140409	\$ 58
RW27-2D2-D063	4...6.3	CWB9...CWB38	12140410	\$ 58
RW27-2D2-U008	5.6...8	CWB9...CWB38	12140411	\$ 65
RW27-2D2-U010	7...10	CWB9...CWB38	12140412	\$ 65
RW27-2D2-D125	8...12.5	CWB9...CWB38	12140413	\$ 65
RW27-2D2-U015	10...15	CWB9...CWB38	12140414	\$ 65
RW27-2D2-U017	11...17	CWB9...CWB38	12140415	\$ 65
RW27-2D2-U023	15...23	CWB9...CWB38	12140416	\$ 65
RW27-2D2-U032	22...32	CWB9...CWB38	12140438	\$ 65
RW27-2D2-U040	32...40	CWB9...CWB38	12140439	\$ 75
RW67-5D2-U040	25...40	CWB40...80	13368966	\$ 113
RW67-5D2-U050	32...50	CWB40...80	13368967	\$ 122
RW67-5D2-U057	40...57	CWB40...80	13369068	\$ 122
RW67-5D2-U063	50...63	CWB40...80	13369069	\$ 122
RW67-5D2-U070	57...70	CWB40...80	13369070	\$ 146
RW67-5D2-U080	63...80	CWB40...80	13369071	\$ 146

## 2-Pole Bimetallic Overload Relays - Class 10 - For CWM Contactors

### 2-Pole Bimetallic Overload Relays - Class 10



RW27

Part Number	Rated current (A)	Direct mounting on	Material Number	List price each
RW27-1D2-D004	0.28...0.4	CWM9...CWM25	10076079	\$ 58
RW27-1D2-C063	0.43...0.63	CWM9...CWM25	10076080	\$ 58
RW27-1D2-D008	0.56...0.8	CWM9...CWM25	10076081	\$ 58
RW27-1D2-D012	0.8...1.2	CWM9...CWM25	10076082	\$ 58
RW27-1D2-D018	1.2...1.8	CWM9...CWM25	10047199	\$ 58
RW27-1D2-D028	1.8...2.8	CWM9...CWM25	10047200	\$ 58
RW27-1D2-U004	2.8...4	CWM9...CWM25	10076083	\$ 58
RW27-1D2-D063	4...6.3	CWM9...CWM25	10047201	\$ 58
RW27-1D2-U008	5.6...8	CWM9...CWM25	10047202	\$ 65
RW27-1D2-U010	7...10	CWM9...CWM25	10186773	\$ 65
RW27-1D2-D125	8...12.5	CWM9...CWM25	10047203	\$ 65
RW27-1D2-U015	10...15	CWM9...CWM25	10047204	\$ 65
RW27-1D2-U017	11...17	CWM9...CWM25	10047205	\$ 65
RW27-1D2-U023	15...23	CWM9...CWM25	10047206	\$ 65
RW27-1D2-U032	22...32	CWM9...CWM32	10047207	\$ 65
RW67-1D2-U040	25...40	CWM32...CWM40	10047208	\$ 113
RW67-1D2-U050	32...50	CWM32...CWM40	10047209	\$ 122
RW67-2D2-U040	25...40	CWM50...CWM80	11223497	\$ 122
RW67-2D2-U050	32...50	CWM50...CWM80	10047466	\$ 122
RW67-2D2-U057	40...57	CWM50...CWM80	10047210	\$ 122
RW67-2D2-U063	50...63	CWM50...CWM80	10047211	\$ 122
RW67-2D2-U070	57...70	CWM50...CWM80	10047212	\$ 146
RW67-2D2-U080	63...80	CWM50...CWM80	10647542	\$ 146



RW67

## Accessories for Overload Relays

### Connector Links for Use with CWM Contactors (Set of 3 per Package)

Part Number	Mounting on	For connection with contactors	Material Number	List price each
GA67-B80	RW67-1D / RW67-2D	CWB40...80	13557165	\$ 37
GA 67-1D	RW67-2D3	CWM 32 / 40	10186061	\$ 37
GA 67-2D	RW67-1D3	CWM 50 / 65 / 80	10186062	\$ 37
GA117D	RW117-2D3 / RWM112E + BF112	CWM112	10185899	\$ 45
GA317-1D	RW317 / RW420E	CWM150	10185904	\$ 75
GA317-2D	RW317 / RW420E	CWM180/215	10185900	\$ 76
GA317-3D	RW317 / RW420E	CWM250/300	10185901	\$ 130
GA-317-10D	RW317 / RW420E	CWM400	10187159	\$ 173
GA-317-11D	RW317 / RW420E	CWM450	14313668	\$ 130
GA-407-1D	RW407 / RWM840E	CWM560	14313709	\$ 173

### Separate Mounting Kit

Part Number	Mounting on	Material Number	List price each
BF27-2D	RW27-2D / RWB40	13598034	\$ 20
BF27D	RW27-1D / RWM40	10410085	\$ 20
BF67-1D	RW67-1D	10410086	\$ 34
BF67-2D	RW67-2D	10046505	\$ 34
BF67-5D	RW67-5D	13369075	\$ 34
BF117	RW117-1D	10045719	\$ 42
BF117-3D <sup>1)</sup>	RW117-3D3	14197548	\$ 42
BF112	RWM112E	10806502	\$ 49

### Insulator Barrier

Part Number	Mounting on	Material Number	List price each
IBRW317	RW317	11558425	\$ 6

### External Reset for Overload Relays



Part Number	Mounting on	Flexible cable size	Material Number	List price each
ERC250RW	RW17 to RW407 (all models)	250 mm	11795102	\$ 107
ERC375RW	RW17 to RW407 (all models)	375 mm	11795097	\$ 111
ERC500RW	RW17 to RW407 (all models)	500 mm	11795105	\$ 114

### Insulator Barrier

#### Cover Protection<sup>1)</sup>

Part Number	Description	Mounting on	Packing (units)	Material Number	List price each
BMPRW317	Cover protection	CWM400 + RW317 / CWM400 + RWM420E	2 pieces	13072101	\$ 102
BMP1RW317-CWM400			1 piece	13072317	\$ 68

### Adapters for Eye Bolt Terminals<sup>1)</sup>

Part Number	Mounting on	Material Number	List price each
ATO 117D	RW 117-2D	10045717	\$ 50

Note: 1) UL not yet submitted.

# Manual Motor Protector MPW12 Series - Spring Type<sup>1)</sup>

## MPW12\_S Series - Overload & Short-Circuit Protection

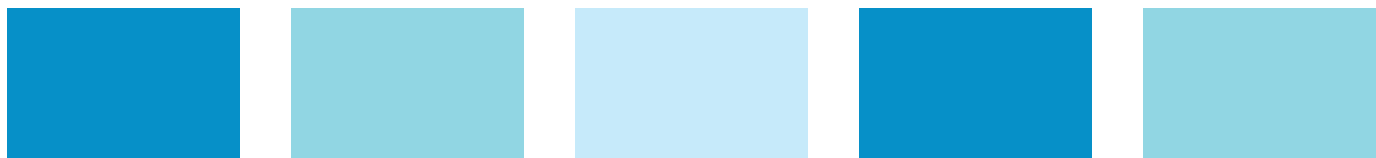
Part Number	Range (A)	Material Number	List price each
MPW12-3-C016S	0.10 - 0.16	12500989	\$ 122
MPW12-3-C025S	0.16 - 0.25	12500990	\$ 122
MPW12-3-D004S	0.25 - 0.40	12500992	\$ 122
MPW12-3-C063S	0.40 - 0.63	12500991	\$ 138
MPW12-3-U001S	0.63 - 1.0	12500996	\$ 140
MPW12-3-D016S	1.0 - 1.6	12500993	\$ 140
MPW12-3-D025S	1.6 - 2.5	12500994	\$ 140
MPW12-3-U004S	2.5 - 4.0	12500997	\$ 140
MPW12-3-D063S	4.0 - 6.3	12500995	\$ 140
MPW12-3-U010S	6.3 - 10	12501028	\$ 153
MPW12-3-U012S	8 - 12	12501029	\$ 153



## MPW12i\_S Series - Short-Circuit Protection Only

Part Number	Rated current (A)	Material Number	List price each
MPW12i-3-C016S	0.16	12501032	\$ 118
MPW12i-3-C025S	0.25	12501033	\$ 118
MPW12i-3-D004S	0.4	12501035	\$ 118
MPW12i-3-C063S	0.63	12501034	\$ 118
MPW12i-3-U001S	1	12501059	\$ 134
MPW12i-3-D016S	1.6	12501036	\$ 135
MPW12i-3-D025S	2.5	12501037	\$ 135
MPW12i-3-U004S	4	12501060	\$ 135
MPW12i-3-D063S	6.3	12501058	\$ 135
MPW12i-3-U010S	10	12501061	\$ 149
MPW12i-3-U012S	12	12501062	\$ 149

Note: 1) UL pending.



# Manual Motor Protector MPW18 Series - Screw Type

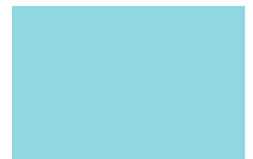
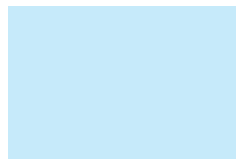


## MPW18 Series - Overload & Short-Circuit Protection

Part Number	Range (A)	Material Number	List price each
MPW18-3-C016	0.10 - 0.16	12429311	\$ 102
MPW18-3-C025	0.16 - 0.25	12429312	\$ 102
MPW18-3-D004	0.25 - 0.40	12429313	\$ 102
MPW18-3-C063	0.40 - 0.63	12429315	\$ 115
MPW18-3-U001	0.63 - 1.0	12429317	\$ 116
MPW18-3-D016	1.0 - 1.6	12429368	\$ 116
MPW18-3-D025	1.6 - 2.5	12429369	\$ 116
MPW18-3-U004	2.5 - 4.0	12429370	\$ 116
MPW18-3-D063	4.0 - 6.3	12429371	\$ 116
MPW18-3-U010	6.3 - 10	12429372	\$ 128
MPW18-3-U016	10 - 16	12429373	\$ 128
MPW18-3-U018	12 - 18	12429374	\$ 147

## MPW18i Series - Short-Circuit Protection Only

Part Number	Rated current (A)	Material Number	List price each
MPW18i-3-C016	0.16	12429375	\$ 99
MPW18i-3-C025	0.25	12429376	\$ 99
MPW18i-3-D004	0.4	12429377	\$ 99
MPW18i-3-C063	0.63	12429388	\$ 112
MPW18i-3-U001	1	12429389	\$ 113
MPW18i-3-D016	1.6	12429391	\$ 113
MPW18i-3-D025	2.5	12429392	\$ 113
MPW18i-3-U004	4	12429393	\$ 113
MPW18i-3-D063	6.3	12429394	\$ 113
MPW18i-3-U010	10	12429395	\$ 124
MPW18i-3-U016	16	12429396	\$ 124
MPW18i-3-U018	18	12429397	\$ 142



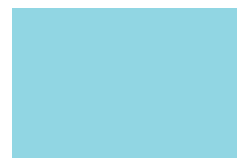
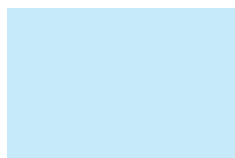
# Manual Motor Protector MPW40 Series - Screw Type

## MPW40 Series - Overload & Short-Circuit Protection

Part Number	Range (A)	Material Number	List price each
MPW40-3-C016	0.10 - 0.16	12428084	\$ 119
MPW40-3-C025	0.16 - 0.25	12428085	\$ 119
MPW40-3-D004	0.25 - 0.40	12428086	\$ 119
MPW40-3-C063	0.40 - 0.63	12428087	\$ 135
MPW40-3-U001	0.63 - 1.0	12429239	\$ 137
MPW40-3-D016	1.0 - 1.6	12428108	\$ 137
MPW40-3-D025	1.6 - 2.5	12428110	\$ 137
MPW40-3-U004	2.5 - 4.0	12428112	\$ 137
MPW40-3-D063	4.0 - 6.3	12428115	\$ 137
MPW40-3-U010	6.3 - 10	12428117	\$ 150
MPW40-3-U016	10 - 16	12428128	\$ 150
MPW40-3-U020	16 - 20	12428129	\$ 171
MPW40-3-U025	20 - 25	12428133	\$ 203
MPW40-3-U032	25 - 32	12428131	\$ 218
MPW40-3-U040	32 - 40	12382551	\$ 250

## MPW40i Series - Short-Circuit Protection Only

Part Number	Rated current (A)	Material Number	List price each
MPW40i-3-C016	0.16	12428137	\$ 116
MPW40i-3-C025	0.25	12428148	\$ 116
MPW40i-3-D004	0.4	12428149	\$ 116
MPW40i-3-C063	0.63	12428150	\$ 131
MPW40i-3-U001	1	12428153	\$ 133
MPW40i-3-D016	1.6	12428154	\$ 133
MPW40i-3-D025	2.5	12428156	\$ 133
MPW40i-3-U004	4	12428157	\$ 133
MPW40i-3-D063	6.3	12428178	\$ 133
MPW40i-3-U010	10	12428179	\$ 146
MPW40i-3-U016	16	12428180	\$ 146
MPW40i-3-U020	20	12428181	\$ 166
MPW40i-3-U025	25	12428182	\$ 197
MPW40i-3-U032	32	12428183	\$ 211
MPW40i-3-U040	40	12382552	\$ 243



## Manual Motor Protector MPW80 Series - Screw Type

### MPW80 - Overload & Short-Circuit Protection

Part Number	Range (A)	Material Number	List price each
MPW80-3-U040	32 - 40	12425347	\$ 412
MPW80-3-U050	40 - 50	12425428	\$ 412
MPW80-3-U065	50 - 65	12425429	\$ 412
MPW80-3-U080 <sup>1)</sup>	65 - 80	12501063	\$ 466



### MPW80i - Short-Circuit Protection Only

Part Number	Rated current (A)	Material Number	List price each
MPW80i-3-U040	40	12425431	\$ 400
MPW80i-3-U050	50	12425432	\$ 400
MPW80i-3-U065	65	12425434	\$ 400
MPW80i-3-U080 <sup>1)</sup>	80	12501066	\$ 452

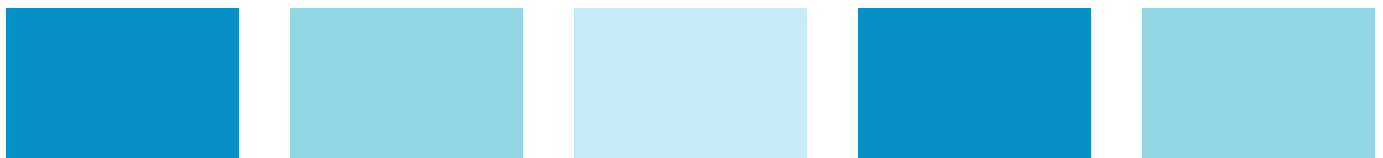
## Manual Motor Protector MPW100 Series - Screw Type

### MPW100 Series - Overload & Short-Circuit Protection

Part Number	Range (A)	Material Number	List price each
MPW100-3-U075	55...75	10076551	\$ 685
MPW100-3-U090	70...90	10076552	\$ 737
MPW100-3-U100	80...100	10047295	\$ 737



Note: 1) UL pending;



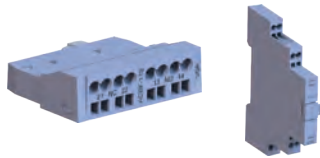
## Accessories - MPW12, MPW18, MPW40 and MPW80

### Auxiliary Contacts Block - Screw Type



Part Number	Configuration		Assembly	Mounting on	Material Number	List price each
	N.O.	N.C.				
ACBF-11	1	1	Front	MPW18, MPW40, MPW80	12463886	\$ 19
ACBS-11	1	1	Left side		12463909	\$ 20
ACBS-20	2	0	Left side		12463912	\$ 20
ACBS-02	0	2	Left side		12463914	\$ 20

### Auxiliary Contacts Block - Spring Type<sup>1)</sup>



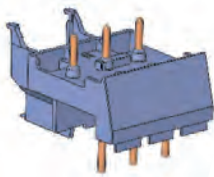
Part Number	Configuration		Assembly	Mounting on	Material Number	List price each
	N.O.	N.C.				
ACBF-11S	1	1	Front	MPW12_S	12463910	\$ 22
ACBS-11S	1	1	Left side		12463908	\$ 24
ACBS-20S	2	0	Left side		12463913	\$ 24
ACBS-02S	0	2	Left side		12463915	\$ 24

Note: 1) UL pending.

### Trip Signalling Block

Part Number	Mounting on	Material Number	List price each
TSB	MPW18, MPW40, MPW80	12463916	\$ 42

### Adapter to Connect MPW Series with Contactors

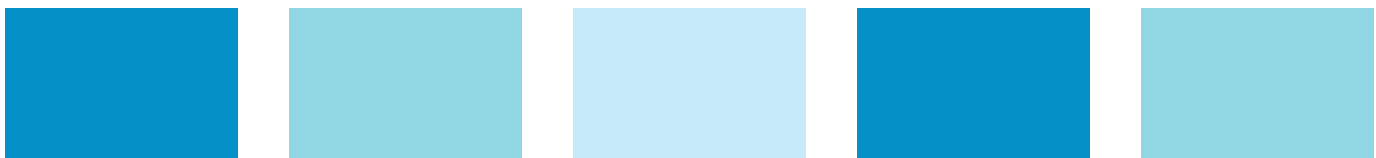


Part Number	Mounting on	Material Number	List price each
ECCMP-18B38	MPW18 + CWB9...CWB38 (AC Coil)	12462672	\$ 15
ECCMP-40B38	MPW40 + CWB9...CWB38 (AC Coil)	12462673	\$ 15
ECCMP-40B38DC	MPW40 + CWB9...CWB38 (DC Coil)	12462674	\$ 15
ECCMP-80B80	MPW80 + CWB40...80 (AC/DC Coil)	13520507	\$ 50
ECCMP-C016	MPW18 + CWC07...CWC016 (AC/DC Coil)	10867179	\$ 15
ECCMP-C025	MPW40 + CWC025 (AC Coil)	10689937	\$ 15
ECCMP-C0	MPW40 + CWC07...CWC016 (AC/DC Coil)	10047217	\$ 15
ECCMP-25	MPW40 + CWM9...CWM25 (AC Coil)	10409822	\$ 15
ECCMP-32	MPW40 + CWM32 (AC Coil)	10075736	\$ 17

### Shunt Release - Screw Type

Part Number	Voltage	Mounting on	Material Number	List price each
SRMP D51	20...24 V - 50/60 Hz	MPW18, MPW40, MPW80	12463869	\$ 56
SRMP D54	40...48 V - 50/60 Hz		12463870	\$ 56
SRMP D59	100...127 V - 50/60 Hz		12463871	\$ 56
SRMP D65	200...240 V - 50/60 Hz		12463872	\$ 56
SRMP D69	365...440 V - 50/60 Hz		12463873	\$ 56

Note: 1) UL pending.





## Accessories - MPW12, MPW18, MPW40 and MPW80

### Undervoltage Release - Screw Type

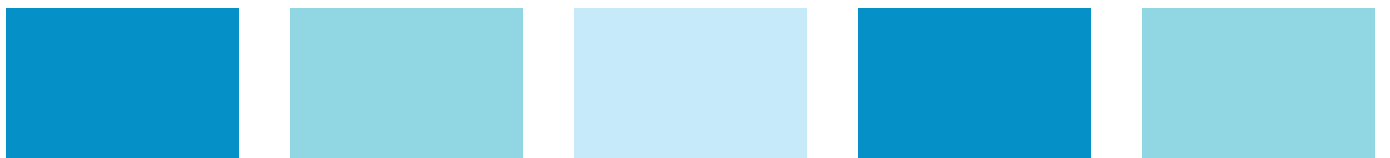


Part Number	Voltage	Mounting on	Material Number	List price each
URMP V18	110 V 50 Hz / 120 V 60 Hz	MPW18, MPW40, MPW80	12463874	\$ 56
URMP V19	110-115 V 50 Hz / 127 V 60 Hz		12463875	\$ 56
URMP V23	180 V 50 Hz / 208 V 60 Hz		12463876	\$ 56
URMP V26	190 V 50 Hz / 220 V 60 Hz		12463877	\$ 56
URMP V30	208 V 50 Hz / 240 V 60 Hz		12463879	\$ 56
URMP V32	220 V 50 Hz / 255 V 60 Hz		12463878	\$ 56
URMP V37	230-240 V 50 Hz / 277 V 60 Hz		12463880	\$ 56
URMP V41	325 V 50 Hz / 380 V 60 Hz		12463881	\$ 56
URMP V42	380 V 50 Hz / 440 V 60 Hz		12463882	\$ 56
URMP V47	415 V 50 Hz / 480 V 60 Hz		12463883	\$ 56
URMP D02	24 V 50/60 Hz		12463884	\$ 56
URMP D23	220 V 50/60 Hz		12463885	\$ 56

### Busbar Links



Part Number	Type terminal	Description	Mounting on	Material Number	List price each
FTBBSP	Pin	Incoming supply block for BBSP	MPW18, MPW40	14890169	\$ 33
BBSP45-2		45 mm slot space		14890001	\$ 34
BBSP45-3		45 mm slot space		14890002	\$ 38
BBSP45-4		45 mm slot space		14890004	\$ 46
BBSP45-5		45 mm slot space		14890111	\$ 47
BBSP54-2		54 mm slot space		14890005	\$ 36
BBSP54-3		54 mm slot space		14890006	\$ 40
BBSP54-4		54 mm slot space		14890007	\$ 48
BBSP54-5		54 mm slot space		14890108	\$ 50



## Accessories - MPW12, MPW18 and MPW40

### Plastic Enclosure (IEC Product)<sup>1)</sup>

Part Number	Description	Mounting on	Material Number	List price each
PE41GN	Standard enclosure	MPW12/18	10831607	\$ 29
PE66GN	Standard enclosure	MPW12/18	10831700	\$ 38
PE55GN	Standard enclosure / black handle	MPW40	10185919	\$ 34
LPE55GN	Wider enclosure <sup>2)</sup> / black handle	MPW40	10211368	\$ 40
PE55GN-E	Standard enclosure / yellow handle	MPW40	10185920	\$ 35
LPE55GN-E	wider enclosure <sup>2)</sup> / yellow handle	MPW40	10666540	\$ 41

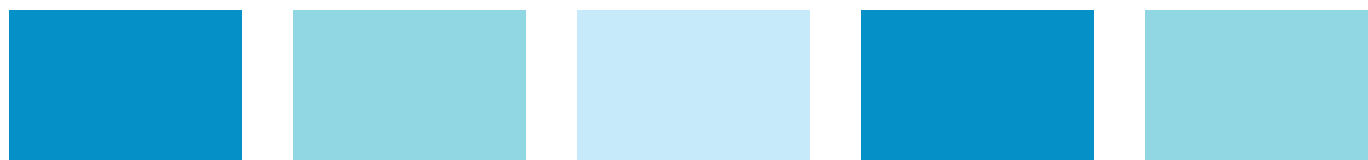
Note: 1) Able to assembly shunt release SRMP model or undervoltage release URMP model.

### Mounting Adapters

Part Number	Description	Mounting on	Material Number	List price each
MA45D0L	Direct-on-line assembly	MPW18/40 + CWM9...25 MPW18/40 + CWC07...25 MPW18/40 + CWB9...38	10073629	\$ 40
MA90RVS	Reversing assembly		10073628	\$ 51
MA90SDS	Wye-delta assembly		10073630	\$ 84

### Shroud for Unused Terminals

Part Number	Type terminal	Mounting on	Material Number	List price each
CSDP	Pin	BBSP45, BBSP54	15313914	\$ 10



## Accessories - MPW40, MPW80 and MPW100

### Auxiliary Contacts Block - Screw Type

Part Number	Configuration		Assembly	Mounting on	Material Number	List price each
	N.O.	N.C.				
ACBF-11 MPW100	1	1	FRONT	MPW100	10047296	\$ 37
ACBS-11 MPW100	1	1	LEFT SIDE	MPW100	10047297	\$ 55
ACBS-20 MPW100	2	0	LEFT SIDE	MPW100	10076555	\$ 55
ACBS-02 MPW100	0	2	LEFT SIDE	MPW100	10076556	\$ 55

### Accessories for Type E (Self-Protected Starter)

#### Trip Signalling Block

Part Number	Mounting on	Material Number	List price each
TSB AT-11 MPW100	MPW100	10047298	\$ 51
TSB SC-11 MPW100	MPW100	10076559	\$ 51

#### Line Side Terminal

Part Number	Mounting on	Material Number	List price each
LST25	MPW40	10047102	\$ 44
LST65	MPW80	11112690	\$ 85
IB MPW100 <sup>2)</sup>	MPW100	10213096	\$ 19

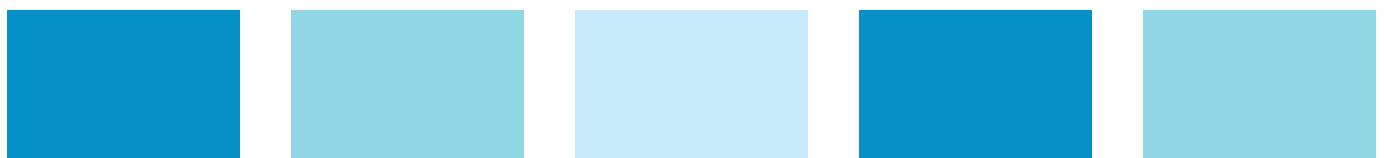
#### Current Limiter (up to 32 A)

Part Number	Mounting with	Material Number	List price each
CLT 32	MPW40	12462918	\$ 108

#### Shunt Release - Screw Type

Part Number	Voltage	Mounting on	Material Number	List price each
SRMP V18 MPW100	120 V - 60 Hz	MPW100	10186872	\$ 61
SRMP V33 MPW100	240...260 V - 60 Hz	MPW100	10186873	\$ 61
SRMP V43 MPW100	440...460 V - 60 Hz	MPW100	10186874	\$ 61

Notes: 1) MPW80 UL pending.  
2) Minimum order: 4 units



## Accessories - MPW40, MPW80 and MPW100

### Undervoltage Release - Screw Type

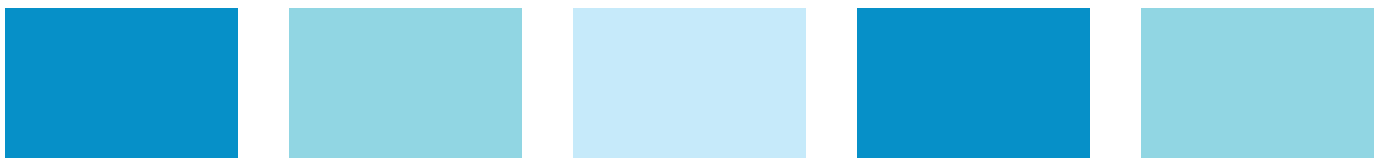
Part Number	Voltage	Mounting on	Material Number	List price each
URMP V18 MPW100	110 V 50 Hz / 120 V 60 Hz	MPW100	10186875	\$ 61
URMP V33 MPW100	240...260 V - 60 Hz	MPW100	10186876	\$ 61
URMP V43 MPW100	440...460 V - 60 Hz	MPW100	10186877	\$ 61

### Rotary Door Operator Handle - NEMA 1

Part Number	Description	Mounting on	Material Number	List price each
RMMP-130	130 mm shaft / black handle	MPW40	10185921	\$ 73
RMMP-130E	130 mm shaft / yellow handle	MPW40	10185923	\$ 73
RMMP-330	330 mm shaft / black handle	MPW40	10185922	\$ 88
RMMP-330E	330 mm shaft / yellow handle	MPW40	10185924	\$ 88
RMMP65-130	130 mm shaft / black handle	MPW80	11068497	\$ 73
RMMP65-130E	130 mm shaft / yellow handle	MPW80	11068518	\$ 73
RMMP65-330	330 mm shaft / black handle	MPW80	11068519	\$ 88
RMMP65-330E	330 mm shaft / yellow handle	MPW80	11068520	\$ 88
MR MPW100-115	115 mm shaft / black handle	MPW100	10609710	\$ 101
MR MPW100-315	315 mm shaft / black handle	MPW100	10609711	\$ 101

### Rotary Door Operator Handle - NEMA 4X

Part Number	Description	Mounting on	Material Number	List price each
MRX-130	130 mm shaft / black handle	MPW40	11051796	\$ 79
MRX-130E	130 mm shaft / yellow handle	MPW40	10857691	\$ 79
MRX-330	330 mm shaft / black handle	MPW40	11051797	\$ 91
MRX-330E	330 mm shaft / yellow handle	MPW40	10857692	\$ 91
MRX65-130	130 mm shaft / black handle	MPW80	11068521	\$ 79
MRX65-130E	130 mm shaft / yellow handle	MPW80	11068522	\$ 79
MRX65-330	330 mm shaft / black handle	MPW80	11068523	\$ 91
MRX65-330E	330 mm shaft / yellow handle	MPW80	11068525	\$ 91
MRX100-130	130 mm shaft / black handle	MPW100	11152799	\$ 109
MRX100-130E	130 mm shaft / yellow handle	MPW100	11152800	\$ 127



## Accessories - MPW12, MPW18, MPW40 and MPW80

### Pushing Lugs for Panel Mounting

Part Number	Mounting on	Material Number	List price each
PLMP	MPW12, MPW18, MPW40, MPW80 <sup>1)</sup>	10185925	\$ 1

### Scale Cover

Part Number	Mounting on	Material Number	List price each
SCMP	MPW12, MPW18, MPW40, MPW80	10186290	\$ 5

1

2

3

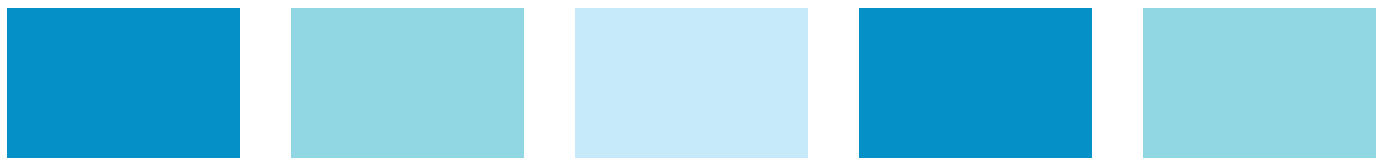
4

5

6

7

Note: 1) Quantity per packing: 2 units. For MPW80 use 2 kits or 4 pieces.



# Non-Combination Enclosed Starters



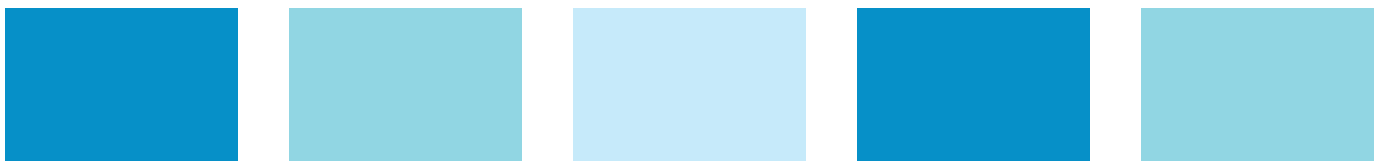
## Metallic Enclosed Starters ESW Series - NEMA 1 - Single-Phase

### 120 V Coil with Start-Stop Pushbuttons - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESWS-B9D15A-RM23	0.8...1.2	- HP @ 115 V	10709053	\$ 267
ESWS-B9D15A-RM24	1.2...1.8	- HP @ 115 V	10709976	\$ 267
ESWS-B9D15A-RM25	1.8...2.8	- HP @ 115 V	10710072	\$ 267
ESWS-B9D15A-RM26	2.8...4	1/6 HP @ 115 V	10710136	\$ 267
ESWS-B9D15A-RM27	4...6.3	1/4 HP @ 115 V	10710158	\$ 267
ESWS-B9D15A-RM28	5.6...8	1/3 HP @ 115 V	10710165	\$ 267
ESWS-B9D15A-RM29	7...10	1/2 HP @ 115 V	10710185	\$ 267
ESWS-B9D15A-RM30	8...12.5	- HP @ 115 V	10710215	\$ 267
ESWS-B12D15A-RM30	8...12.5	1/2 HP @ 115 V	10711301	\$ 306
ESWS-B12D15A-RM31	10...15	3/4 HP @ 115 V	10076276	\$ 306
ESWS-B18D15A-RM31	10...15	1 HP @ 115 V	10711302	\$ 306
ESWS-B18D15A-RM32	11...17	1 HP @ 115 V	10076277	\$ 306
ESWS-B25D15A-RM33	15...23	1.1/2 HP @ 115 V	10711303	\$ 329
ESWS-B25D15A-RM34	22...32	2 HP @ 115 V	10076278	\$ 329
ESWS-B38D15A-RM35	32...40	3 HP @ 115 V	14308815	\$ 379
ESWS-B40D15A-RM70	25...40	3 HP @ 115 V	Under request	\$ 521
ESWS-B50D15A-RM70	25...40	3 HP @ 115 V	Under request	\$ 543
ESWS-B50D15A-RM72	40...57	5 HP @ 115 V	Under request	\$ 560
ESWS-B65D15A-RM73	50...63	5 HP @ 115 V	Under request	\$ 560
ESWS-B80D15A-RM75	63...80	7.1/2 HP @ 115 V	Under request	\$ 624

### 208-240 V Coil with Start-Stop Pushbuttons - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESWS-B9V24A-RM23	0.8...1.2	- HP @ 230 V	10711414	\$ 267
ESWS-B9V24A-RM24	1.2...1.8	1/6 HP @ 230 V	10711416	\$ 267
ESWS-B9V24A-RM25	1.8...2.8	1/4 HP @ 230 V	10711488	\$ 267
ESWS-B9V24A-RM26	2.8...4	1/3 HP @ 230 V	10711772	\$ 267
ESWS-B9V24A-RM27	4...6.3	1/2 HP @ 230 V	10711774	\$ 267
ESWS-B9V24A-RM28	5.6...8	1 HP @ 230 V	10712046	\$ 267
ESWS-B9V24A-RM29	7...10	- HP @ 230 V	10712088	\$ 267
ESWS-B9V24A-RM30	8...12.5	1.1/2 HP @ 230 V	10712091	\$ 267
ESWS-B12V24A-RM30	8...12.5	- HP @ 230 V	10712094	\$ 306
ESWS-B12V24A-RM31	10...15	2 HP @ 230 V	10076282	\$ 306
ESWS-B18V24A-RM32	11...17	3 HP @ 230 V	10076283	\$ 306
ESWS-B25V24A-RM33	15...23	5 HP @ 230 V	10712138	\$ 329
ESWS-B25V24A-RM34	22...32	5 HP @ 230 V	10076284	\$ 329
ESWS-B38V24A-RM35	32...40	7.5 HP @ 230 V	14308812	\$ 379
ESWS-B40V24A-RM70	25...40	- HP @ 230 V	Under request	\$ 521
ESWS-B50V24A-RM70	25...40	7.1/2 HP @ 230 V	Under request	\$ 543
ESWS-B50V24A-RM71	32...50	7.1/2 HP @ 230 V	Under request	\$ 543
ESWS-B65V24A-RM71	32...50	10 HP @ 230 V	Under request	\$ 377
ESWS-B65V24A-RM72	40...57	10 HP @ 230 V	Under request	\$ 377
ESWS-B80V24A-RM74	57...70	15 HP @ 230 V	Under request	\$ 624
ESWS-95 V24A-RM42	63...80	15 HP @ 230 V	10709120	\$ 923



# Non-Combination Enclosed Starters

## Metallic Enclosed Starters ESW Series - NEMA 1 - Single-Phase

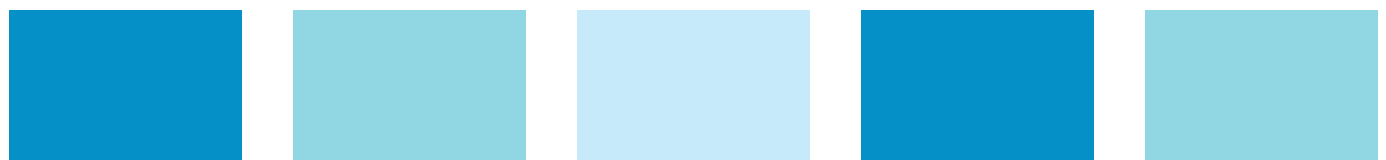


### 120 V Coil without Pushbuttons - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESWS-B9D15E-RM23	0.8...1.2	- HP @ 115 V	10712764	\$ 190
ESWS-B9D15E-RM24	1.2...1.8	- HP @ 115 V	10712813	\$ 190
ESWS-B9D15E-RM25	1.8...2.8	- HP @ 115 V	10725337	\$ 190
ESWS-B9D15E-RM26	2.8...4	1/6 HP @ 115 V	10725536	\$ 190
ESWS-B9D15E-RM27	4...6.3	1/4 HP @ 115 V	10725581	\$ 190
ESWS-B9D15E-RM28	5.6...8	1/3 HP @ 115 V	10725584	\$ 190
ESWS-B9D15E-RM29	7...10	1/2 HP @ 115 V	10725586	\$ 190
ESWS-B9D15E-RM30	8...12.5	- HP @ 115 V	10725608	\$ 190
ESWS-B12D15E-RM30	8...12.5	1/2 HP @ 115 V	10725611	\$ 229
ESWS-B12D15E-RM31	10...15	3/4 HP @ 115 V	10725614	\$ 229
ESWS-B18D15E-RM31	10...15	1 HP @ 115 V	10725616	\$ 229
ESWS-B18D15E-RM32	11...17	1 HP @ 115 V	10725618	\$ 229
ESWS-B25D15E-RM33	15...23	1.1/2 HP @ 115 V	10725619	\$ 252
ESWS-B25D15E-RM34	22...32	2 HP @ 115 V	10725620	\$ 252
ESWS-B38D15E-RM35	32...40	3 HP @ 115V	14309203	\$ 302
ESWS-B40D15E-RM70	25...40	3 HP @ 115 V	Under request	\$ 447
ESWS-B50D15E-RM70	25...40	3 HP @ 115 V	Under request	\$ 466
ESWS-B50D15E-RM72	40...57	5 HP @ 115 V	Under request	\$ 483
ESWS-B65D15E-RM73	50...63	5 HP @ 115 V	Under request	\$ 483
ESWS-B80D15E-RM75	63...80	7.1/2 HP @ 115 V	Under request	\$ 547

### 208-240 V Coil without Pushbuttons - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESWS-B9V24E-RM23	0.8...1.2	- HP @ 230 V	10725950	\$ 190
ESWS-B9V24E-RM24	1.2...1.8	1/6 HP @ 230 V	10725951	\$ 190
ESWS-B9V24E-RM25	1.8...2.8	1/4 HP @ 230 V	10725952	\$ 190
ESWS-B9V24E-RM26	2.8...4	1/3 HP @ 230 V	10725953	\$ 190
ESWS-B9V24E-RM27	4...6.3	1/2 HP @ 230 V	10725954	\$ 190
ESWS-B9V24E-RM28	5.6...8	1 HP @ 230 V	10725955	\$ 190
ESWS-B9V24E-RM29	7...10	- HP @ 230 V	10725956	\$ 190
ESWS-B9V24E-RM30	8...12.5	1.1/2 HP @ 230 V	10725957	\$ 190
ESWS-B12V24E-RM30	8...12.5	- HP @ 230 V	10726010	\$ 229
ESWS-B12V24E-RM31	10...15	2 HP @ 230 V	10726011	\$ 229
ESWS-B18V24E-RM32	11...17	3 HP @ 230 V	10726012	\$ 229
ESWS-B25V24E-RM33	15...23	5 HP @ 230 V	10726013	\$ 252
ESWS-B25V24E-RM34	22...32	5 HP @ 230 V	10726014	\$ 252
ESWS-B38V24E-RM35	32...40	7.5 HP @ 230 V	14308814	\$ 302
ESWS-B40V24E-RM70	25...40	- HP @ 230 V	14971375	\$ 447
ESWS-B50V24E-RM70	25...40	7.1/2 HP @ 230 V	14971610	\$ 466
ESWS-B50V24E-RM71	32...50	7.1/2 HP @ 230 V	14971370	\$ 466
ESWS-B65V24E-RM71	32...50	10 HP @ 230 V	14971368	\$ 483
ESWS-B65V24E-RM72	40...57	10 HP @ 230 V	Under request	\$ 483
ESWS-B80V24E-RM74	57...70	15 HP @ 230 V	Under request	\$ 547
ESWS-95V24E-RM42	63...80	15 HP @ 230 V	10726035	\$ 846



# Non-Combination Enclosed Starters



## Metallic Enclosed Starters ESW Series - NEMA 1 - Three-Phase

### 120 V Coil with Start-Stop Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9D15A-R23	0.8...1.2	0.5 HP @ 460 V	10071153	\$ 230
ESW-B9D15A-R24	1.2...1.8	- / 1 / 1 HP @ 230/460/600 V	10722882	\$ 230
ESW-B9D15A-R25	1.8...2.8	0.75 / 1.5 / 2 HP @ 230/460/600 V	10722883	\$ 230
ESW-B9D15A-R26	2.8...4	1 / 2 / 3 HP @ 230/460/600 V	10071154	\$ 230
ESW-B9D15A-R27	4...6.3	1.5 / 3 / 5 HP @ 230/460/600 V	10722884	\$ 230
ESW-B9D15A-R28	5.6...8	2 / 5 / - HP @ 230/460/600 V	10724069	\$ 230
ESW-B9D15A-R29	7...10	3 / - / 7.5 HP @ 230/460/600 V	10071155	\$ 230
ESW-B9D15A-R30	8...12.5	- / 7.5 / 10 HP @ 230/460/600 V	10071156	\$ 230
ESW-B12D15A-R30	8...12.5	7.5 HP @ 460 V	10687722	\$ 237
ESW-B12D15A-R31	10...15	- HP @ 460 V	10071138	\$ 237
ESW-B18D15A-R31	10...15	- HP @ 460 V	10071141	\$ 254
ESW-B18D15A-R32	11...17	5 / 10 / 15 HP @ 230/460/600 V	10186249	\$ 254
ESW-B25D15A-R33	15...23	7.5 / 15 / - HP @ 230/460/600 V	10723193	\$ 268
ESW-B32D15A-R34	22...32	10 / 20 / 25 HP @ 230/460/600 V	10687727	\$ 329
ESW-B38D15A-R35	32...40	- HP @ 460 V	14308808	\$ 341
ESW-B40D15A-R70	25...40	15 / 25 / - HP @ 230/460/600 V	Under request	\$ 473
ESW-B50D15A-R70	25...40	15 / 25 / 30 HP @ 230/460/600 V	Under request	\$ 492
ESW-B50D15A-R71	32...50	15 / 30 / 40 HP @ 230/460/600 V	Under request	\$ 492
ESW-B65D15A-R71	32...50	- HP @ 460 V	Under request	\$ 567
ESW-B65D15A-R72	40...57	20 / 40 / 50 HP @ 230/460/600 V	Under request	\$ 567
ESW-B65D15A-R73	50...63	25 / 50 / 60 HP @ 230/460/600 V	Under request	\$ 567
ESW-B80D15A-R74	57...70	50 HP @ 460 V	Under request	\$ 641
ESW-95V18A-R43	63...80	-	10860875	\$ 983
ESW-105V18A-R44	75...97	-	12124386	\$ 1,061
ESW-105V18A-R45	90...112	-	12049538	\$ 1,061

### 208-240 V Coil with Start-Stop Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9V24A-R23	0.8...1.2	- HP @ 230 V	10071157	\$ 230
ESW-B9V24A-R24	1.2...1.8	- HP @ 230 V	10724077	\$ 230
ESW-B9V24A-R25	1.8...2.8	3/4 HP @ 230 V	10724102	\$ 230
ESW-B9V24A-R26	2.8...4	1 HP @ 230 V	10724104	\$ 230
ESW-B9V24A-R27	4...6.3	1.1/2 HP @ 230 V	10724106	\$ 230
ESW-B9V24A-R28	5.6...8	2 HP @ 230 V	10071962	\$ 230
ESW-B9V24A-R29	7...10	3 HP @ 230 V	10724109	\$ 230
ESW-B9V24A-R30	8...12.5	- HP @ 230 V	10724111	\$ 230
ESW-B12V24A-R30	8...12.5	3 HP @ 230 V	10186223	\$ 237
ESW-B12V24A-R31	10...15	- HP @ 230 V	10071139	\$ 237
ESW-B18V24A-R31	10...15	- HP @ 230 V	10724113	\$ 254
ESW-B18V24A-R32	11...17	5 HP @ 230 V	10071966	\$ 254
ESW-B25V24A-R33	15...23	7.1/2 HP @ 230 V	10186200	\$ 268
ESW-B32V24A-R34	22...32	10 HP @ 230 V	10687940	\$ 329
ESW-B38V24A-R35	32...40	- HP @ 230 V	14308868	\$ 341
ESW-B40V24A-R70	25...40	15 HP @ 230 V	14971497	\$ 473
ESW-B50V24A-R70	25...40	15 HP @ 230 V	Under request	\$ 169.07
ESW-B50V24A-R71	32...50	15 HP @ 230 V	14971493	\$ 492
ESW-B65V24A-R71	32...50	15 HP @ 230 V	Under request	\$ 567
ESW-B65V24A-R72	40...57	20 HP @ 230 V	14971490	\$ 567
ESW-B65V24A-R73	50...63	20 HP @ 230 V	Under request	\$ 567
ESW-B80V24A-R74	57...70	25 HP @ 230 V	14971456	\$ 641
ESW-95V24A-R43	63...80	30 HP @ 230 V	10072993	\$ 983
ESW-105V24A-R45	90...112	40 HP @ 230 V	10724172	\$ 1,061



# Non-Combination Enclosed Starters

## Metallic Enclosed Starters ESW Series - NEMA 1 - Three-Phase

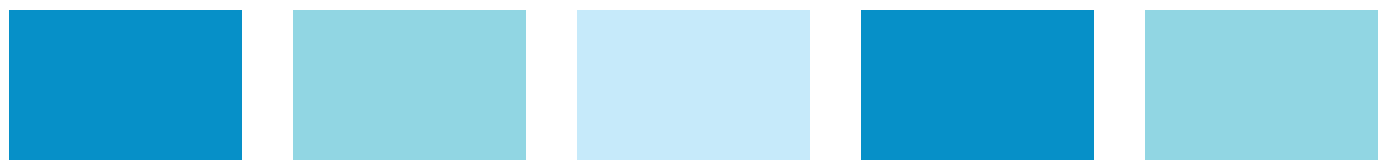


### 480 V Coil with Start-Stop Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9D39A-R23	0.8...1.2	1/2 HP @ 460 V	10724226	\$ 230
ESW-B9D39A-R24	1.2...1.8	1 HP @ 460 V	10071963	\$ 230
ESW-B9D39A-R25	1.8...2.8	1.1/2 HP @ 460 V	10071964	\$ 230
ESW-B9D39A-R26	2.8...4	2 HP @ 460 V	10724262	\$ 230
ESW-B9D39A-R27	4...6.3	3 HP @ 460 V	10071965	\$ 230
ESW-B9D39A-R28	5.6...8	5 HP @ 460 V	10724265	\$ 230
ESW-B9D39A-R29	7...10	- HP @ 460 V	10724267	\$ 230
ESW-B9D39A-R30	8...12.5	- HP @ 460 V	10071158	\$ 230
ESW-B12D39A-R30	8...12.5	7.1/2 HP @ 460 V	10676629	\$ 237
ESW-B12D39A-R31	10...15	- HP @ 460 V	10724295	\$ 237
ESW-B18D39A-R31	10...15	- HP @ 460 V	10724296	\$ 254
ESW-B18D39A-R32	11...17	10 HP @ 460 V	10687723	\$ 254
ESW-B25D39A-R33	15...23	15 HP @ 460 V	10186202	\$ 268
ESW-B32D39A-R34	22...32	20 HP @ 460 V	10724333	\$ 329
ESW-B38D39A-R35	32...40	25 HP @ 460 V	14341138	\$ 341
ESW-B40D39A-R70	25...40	30 HP @ 460 V	Under request	\$ 473
ESW-B50D39A-R70	25...40	30 HP @ 460 V	Under request	\$ 492
ESW-B50D39A-R71	32...50	30 HP @ 460 V	Under request	\$ 492
ESW-B65D39A-R71	32...50	- HP @ 460 V	Under request	\$ 567
ESW-B65D39A-R72	40...57	40 HP @ 460 V	Under request	\$ 567
ESW-B65D39A-R73	50...63	40 HP @ 460 V	Under request	\$ 567
ESW-B80D39A-R74	57...70	50 HP @ 460 V	Under request	\$ 641
ESW-105V47A-R44	75...97	75 HP @ 460 V	10732006	\$ 1,019
ESW-105V47A-R45	90...112	75 HP @ 460 V	10074519	\$ 1,061

### 120 V Coil with Off-On Selector Switch - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9D15C-R23	0.8...1.2	0.5 HP @ 460 V	10877408	\$ 230
ESW-B9D15C-R24	1.2...1.8	- / 1 / 1 HP @ 230/460/600 V	10877397	\$ 230
ESW-B9D15C-R25	1.8...2.8	0.75 / 1.5 / 2 HP @ 230/460/600 V	10877395	\$ 230
ESW-B9D15C-R26	2.8...4	1 / 2 / 3 HP @ 230/460/600 V	10877394	\$ 230
ESW-B9D15C-R27	4...6.3	1.5 / 3 / 5 HP @ 230/460/600 V	10877393	\$ 230
ESW-B9D15C-R28	5.6...8	2 / 5 / - HP @ 230/460/600 V	10877392	\$ 230
ESW-B9D15C-R29	7...10	3 / - / 7.5 HP @ 230/460/600 V	10877390	\$ 230
ESW-B9D15C-R30	8...12.5	- / 7.5 / 10 HP @ 230/460/600 V	10877389	\$ 230
ESW-B12D15C-R30	8...12.5	7.5 HP @ 460 V	10877388	\$ 237
ESW-B12D15C-R31	10...15	- HP @ 460 V	10877347	\$ 237
ESW-B18D15C-R31	10...15	- HP @ 460 V	10877345	\$ 254
ESW-B18D15C-R32	11...17	5 / 10 / 15 HP @ 230/460/600 V	10877344	\$ 254
ESW-B25D15C-R33	15...23	7.5 / 15 / - HP @ 230/460/600 V	10072192	\$ 268
ESW-B32D15C-R34	22...32	10 / 20 / 25 HP @ 230/460/600 V	10072193	\$ 329
ESW-B38D15C-R35	32...40	- HP @ 460 V	14338685	\$ 341
ESW-B40D15C-R70	25...40	15 / 25 / - HP @ 230/460/600 V	Under request	\$ 473
ESW-B50D15C-R70	25...40	15 / 25 / 30 HP @ 230/460/600 V	Under request	\$ 492
ESW-B50D15C-R71	32...50	15 / 30 / 40 HP @ 230/460/600 V	Under request	\$ 492
ESW-B65D15C-R71	32...50	- HP @ 460 V	Under request	\$ 567
ESW-B65D15C-R72	40...57	20 / 40 / 50 HP @ 230/460/600 V	Under request	\$ 567
ESW-B65D15C-R73	50...63	25 / 50 / 60 HP @ 230/460/600 V	Under request	\$ 567
ESW-B80D15C-R74	57...70	50 HP @ 460 V	Under request	\$ 641



# Non-Combination Enclosed Starters

## Metallic Enclosed Starters ESW Series - NEMA 1 - Three-Phase



### 208-240 V Coil with Off-On Selector Switch - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9V24C-R23	0.8...1.2	- HP @ 230 V	10877457	\$ 230
ESW-B9V24C-R24	1.2...1.8	- HP @ 230 V	10877468	\$ 230
ESW-B9V24C-R25	1.8...2.8	3/4 HP @ 230 V	10877469	\$ 230
ESW-B9V24C-R26	2.8...4	1 HP @ 230 V	10877470	\$ 230
ESW-B9V24C-R27	4...6.3	1.1/2 HP @ 230 V	10877472	\$ 230
ESW-B9V24C-R28	5.6...8	2 HP @ 230 V	10877473	\$ 230
ESW-B9V24C-R29	7...10	3 HP @ 230 V	10877474	\$ 230
ESW-B9V24C-R30	8...12.5	- HP @ 230 V	10877475	\$ 230
ESW-B12V24C-R30	8...12.5	3 HP @ 230 V	10877476	\$ 237
ESW-B12V24C-R31	10...15	- HP @ 230 V	10877478	\$ 237
ESW-B18V24C-R31	10...15	- HP @ 230 V	10877480	\$ 254
ESW-B18V24C-R32	11...17	5 HP @ 230 V	10072196	\$ 254
ESW-B25V24C-R33	15...23	7.1/2 HP @ 230 V	10072197	\$ 268
ESW-B32V24C-R34	22...32	10 HP @ 230 V	10691125	\$ 329
ESW-B38V24C-R35	32...40	- HP @ 230 V	14341086	\$ 341
ESW-B40V24C-R70	25...40	15 HP @ 230 V	Under request	\$ 473
ESW-B50V24C-R70	25...40	15 HP @ 230 V	Under request	\$ 492
ESW-B50V24C-R71	32...50	15 HP @ 230 V	Under request	\$ 492
ESW-B65V24C-R71	32...50	15 HP @ 230 V	Under request	\$ 436
ESW-B65V24C-R72	40...57	20 HP @ 230 V	Under request	\$ 436
ESW-B65V24C-R73	50...63	20 HP @ 230 V	Under request	\$ 436
ESW-B80V24C-R74	57...70	25 HP @ 230 V	Under request	\$ 641
ESW-95V24C-R43	63...80	30 HP @ 230 V	10877485	\$ 983
ESW-105V24C-R45	90...112	40 HP @ 230 V	10877486	\$ 1,061

### 480 V Coil with Off-On Selector Switch - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9D39C-R23	0.8...1.2	1/2 HP @ 460 V	10877498	\$ 230
ESW-B9D39C-R24	1.2...1.8	1 HP @ 460 V	10877499	\$ 230
ESW-B9D39C-R25	1.8...2.8	1.1/2 HP @ 460 V	10877500	\$ 230
ESW-B9D39C-R26	2.8...4	2 HP @ 460 V	10877502	\$ 230
ESW-B9D39C-R27	4...6.3	3 HP @ 460 V	10877503	\$ 230
ESW-B9D39C-R28	5.6...8	5 HP @ 460 V	10877504	\$ 230
ESW-B9D39C-R29	7...10	- HP @ 460 V	10072198	\$ 230
ESW-B9D39C-R30	8...12.5	- HP @ 460 V	10877505	\$ 230
ESW-B12D39C-R30	8...12.5	7.1/2 HP @ 460 V	10877509	\$ 237
ESW-B12D39C-R31	10...15	- HP @ 460 V	10877511	\$ 237
ESW-B18D39C-R31	10...15	- HP @ 460 V	10877512	\$ 254
ESW-B18D39C-R32	11...17	10 HP @ 460 V	10072195	\$ 254
ESW-B25D39C-R33	15...23	15 HP @ 460 V	10072201	\$ 268
ESW-B32D39C-R34	22...32	20 HP @ 460 V	10072202	\$ 329
ESW-B38D39C-R35	32...40	25 HP @ 460 V	14341172	\$ 341
ESW-B40D39C-R70	25...40	30 HP @ 460 V	Under request	\$ 473
ESW-B50D39C-R70	25...40	30 HP @ 460 V	Under request	\$ 492
ESW-B50D39C-R71	32...50	30 HP @ 460 V	Under request	\$ 492
ESW-B65D39C-R71	32...50	- HP @ 460 V	Under request	\$ 567
ESW-B65D39C-R72	40...57	40 HP @ 460 V	Under request	\$ 567
ESW-B65D39C-R73	50...63	40 HP @ 460 V	Under request	\$ 567
ESW-B80D39C-R74	57...70	50 HP @ 460 V	Under request	\$ 641
ESW-105V47C-R44	75...97	75 HP @ 460 V	10877517	\$ 1,019
ESW-105V47C-R45	90...112	75 HP @ 460 V	10877519	\$ 1,061

# Non-Combination Enclosed Starters

## Metallic Enclosed Starters ESW Series - NEMA 1 - Three-Phase



### 120 V Coil without Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9D15E-R23	0.8...1.2	0.5 HP @ 460 V	10046113	\$ 190
ESW-B9D15E-R24	1.2...1.8	- / 1 / 1 HP @ 230/460/600 V	10724421	\$ 190
ESW-B9D15E-R25	1.8...2.8	0.75 / 1.5 / 2 HP @ 230/460/600 V	10724422	\$ 190
ESW-B9D15E-R26	2.8...4	1 / 2 / 3 HP @ 230/460/600 V	10724423	\$ 190
ESW-B9D15E-R27	4...6.3	1.5 / 3 / 5 HP @ 230/460/600 V	10046114	\$ 190
ESW-B9D15E-R28	5.6...8	2 / 5 / - HP @ 230/460/600 V	10724425	\$ 190
ESW-B9D15E-R29	7...10	3 / - / 7.5 HP @ 230/460/600 V	10687941	\$ 190
ESW-B9D15E-R30	8...12.5	- / 7.5 / 10 HP @ 230/460/600 V	10724428	\$ 190
ESW-B12D15E-R30	8...12.5	7.5 HP @ 460 V	10046115	\$ 197
ESW-B12D15E-R31	10...15	- HP @ 460 V	10071935	\$ 197
ESW-B18D15E-R31	10...15	- HP @ 460 V	10071142	\$ 214
ESW-B18D15E-R32	11...17	5 / 10 / 15 HP @ 230/460/600 V	10724435	\$ 214
ESW-B25D15E-R33	15...23	7.5 / 15 / - HP @ 230/460/600 V	10687725	\$ 228
ESW-B32D15E-R34	22...32	10 / 20 / 25 HP @ 230/460/600 V	10046116	\$ 289
ESW-B38D15E-R35	32...40	- HP @ 460 V	14315986	\$ 300
ESW-B40D15E-R70	25...40	15 / 25 / - HP @ 230/460/600 V	Under request	\$ 434
ESW-B50D15E-R70	25...40	15 / 25 / 30 HP @ 230/460/600 V	Under request	\$ 452
ESW-B50D15E-R71	32...50	15 / 30 / 40 HP @ 230/460/600 V	Under request	\$ 452
ESW-B65D15E-R71	32...50	- HP @ 460 V	Under request	\$ 526
ESW-B65D15E-R72	40...57	20 / 40 / 50 HP @ 230/460/600 V	Under request	\$ 526
ESW-B65D15E-R73	50...63	25 / 50 / 60 HP @ 230/460/600 V	Under request	\$ 626
ESW-B80D15E-R74	57...70	50 HP @ 460 V	14971488	\$ 601
ESW-95V18E-R43	63...80	-	10860873	\$ 943
ESW-105V18E-R45	90...112	40 HP @ 230 V	10796808	\$ 1,021

### 208 V Coil without Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9D77E-R26	2.8...4	-	12094928	\$ 190
ESW-B9D77E-R27	4...6.3	-	12094930	\$ 190
ESW-B18D77E-R32	11...17	-	12094931	\$ 214
ESW-B32D77E-R34	22...32	-	12100080	\$ 289
ESW-B40D77E-R70	25...40	-	Under request	\$ 434
ESW-B50D77E-R71	32...50	-	Under request	\$ 452
ESW-B80D77E-R74	57...70	-	Under request	\$ 601
ESW-95V23E-R43	63...80	-	12100082	\$ 943

### 208-240 V Coil without Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9V24E-R23	0.8...1.2	- HP @ 230 V	10071568	\$ 190
ESW-B9V24E-R24	1.2...1.8	- HP @ 230 V	10071569	\$ 190
ESW-B9V24E-R25	1.8...2.8	3/4 HP @ 230 V	10724562	\$ 190
ESW-B9V24E-R26	2.8...4	1 HP @ 230 V	10071938	\$ 190
ESW-B9V24E-R27	4...6.3	1.1/2 HP @ 230 V	10046112	\$ 190
ESW-B9V24E-R28	5.6...8	2 HP @ 230 V	10071939	\$ 190
ESW-B9V24E-R29	7...10	3 HP @ 230 V	10724586	\$ 190
ESW-B9V24E-R30	8...12.5	- HP @ 230 V	10071940	\$ 190
ESW-B12V24E-R30	8...12.5	3 HP @ 230 V	10714075	\$ 197
ESW-B12V24E-R31	10...15	- HP @ 230 V	10071936	\$ 197
ESW-B18V24E-R31	10...15	- HP @ 230 V	10071143	\$ 214
ESW-B18V24E-R32	11...17	5 HP @ 230 V	10186177	\$ 214
ESW-B25V24E-R33	15...23	7.1/2 HP @ 230 V	10687726	\$ 228
ESW-B32V24E-R34	22...32	10 HP @ 230 V	10186180	\$ 289
ESW-B38V24E-R35	32...40	- HP @ 230 V	14339544	\$ 300
ESW-B40V24E-R70	25...40	15 HP @ 230 V	14971495	\$ 434
ESW-B50V24E-R70	25...40	15 HP @ 230 V	Under request	\$ 452
ESW-B50V24E-R71	32...50	15 HP @ 230 V	14971492	\$ 452
ESW-B65V24E-R71	32...50	15 HP @ 230 V	Under request	\$ 526
ESW-B65V24E-R72	40...57	20 HP @ 230 V	14971489	\$ 526
ESW-B65V24E-R73	50...63	20 HP @ 230 V	Under request	\$ 526
ESW-B80V24E-R74	57...70	25 HP @ 230 V	14971455	\$ 601
ESW-95V24E-R43	63...80	30 HP @ 230 V	10072992	\$ 943

# Non-Combination Enclosed Starters

## Metallic Enclosed Starters ESW Series - NEMA 1 - Three-Phase



### 480 V Coil without Pushbuttons - Three-Phase

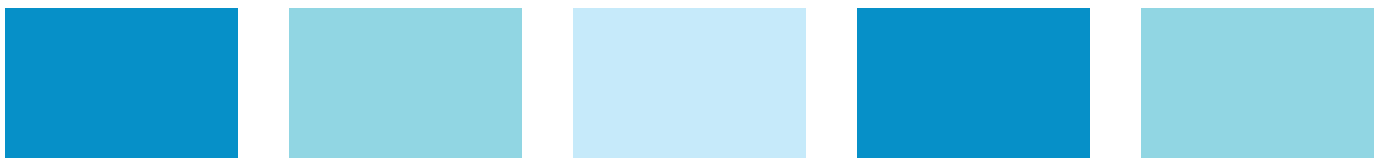
Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-B9D39E-R23	0.8...1.2	1/2 HP @ 460 V	10729440	\$ 190
ESW-B9D39E-R24	1.2...1.8	1 HP @ 460 V	10071941	\$ 190
ESW-B9D39E-R25	1.8...2.8	1.1/2 HP @ 460 V	10071942	\$ 190
ESW-B9D39E-R26	2.8...4	2 HP @ 460 V	10071943	\$ 190
ESW-B9D39E-R27	4...6.3	3 HP @ 460 V	10071944	\$ 190
ESW-B9D39E-R28	5.6...8	5 HP @ 460 V	10729442	\$ 190
ESW-B9D39E-R29	7...10	- HP @ 460 V	10729443	\$ 190
ESW-B12D39E-R30	8...12.5	7.1/2 HP @ 460 V	10729444	\$ 197
ESW-B12D39E-R31	10...15	- HP @ 460 V	10071140	\$ 197
ESW-B18D39E-R31	10...15	- HP @ 460 V	10071945	\$ 214
ESW-B18D39E-R32	11...17	10 HP @ 460 V	10687724	\$ 214
ESW-B25D39E-R33	15...23	15 HP @ 460 V	10729445	\$ 228
ESW-B32D39E-R34	22...32	20 HP @ 460 V	10729446	\$ 289
ESW-B38D39E-R35	32...40	25 HP @ 460 V	14341168	\$ 300
ESW-B40D39E-R70	25...40	30 HP @ 460 V	14971494	\$ 435
ESW-B50D39E-R70	25...40	30 HP @ 460 V	Under request	\$ 453
ESW-B50D39E-R71	32...50	30 HP @ 460 V	14971491	\$ 453
ESW-B65D39E-R71	32...50	- HP @ 460 V	Under request	\$ 526
ESW-B65D39E-R72	40...57	40 HP @ 460 V	Under request	\$ 526
ESW-B65D39E-R73	50...63	40 HP @ 460 V	Under request	\$ 526
ESW-B80D39E-R74	57...70	50 HP @ 460 V	Under request	\$ 601
ESW-95V47E-R43	63...80	60 HP @ 460 V	10860876	\$ 943
ESW-105V47E-R44	75...97	75 HP @ 460 V	10075567	\$ 978

### Field Installation Kits for ESW Series

Part Number	Description	Material Number	List price each
KSSPB	Start/stop pushbutton kit	10211336	\$ 46
KESWPP	Plate + 2 plug	10212328	\$ 36
KESWPS	Plate + start/stop pushbutton + 1 plug	10186422	\$ 103
KESWHS	Plate + start/stop Pb + H-O-A selector Sw. lever	10212329	\$ 183
KESWFP	Plate + OFF-AUTO selector switch lever + 1 plug	10806814	\$ 116
KESWHP	Plate + H-O-A selector switch lever + 1 plug	10186423	\$ 116
KESWPE	Plate + twist release pushbutton + 1 plug	10212330	\$ 113

### Metallic Enclosed Starters ESW Only Assembled with Contactor (Without Overload Relay) - NEMA 1 - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESW-40V18E	-	15 / 25 / - HP @ 230/460/600 V	10802363	\$ 290
ESW-40V24E	-	15 / 25 / - HP @ 230/460/600 V	10802378	\$ 290
ESW-40V47E	-	15 / 25 / - HP @ 230/460/600 V	10802386	\$ 290



# Non-Combination Enclosed Starters

## Plastic Enclosed Starters PESW Series - NEMA 4X - Single-Phase



### 120 V Coil with Start-Stop Pushbuttons - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15AX-RM58	1.2 - 1.8	- HP @ 115 V	Under request	\$ 152
PESWS-B9D15AX-RM59	1.8 - 2.8	- HP @ 115 V	14127665	\$ 152
PESWS-B9D15AX-RM60	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 152
PESWS-B9D15AX-RM61	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 152
PESWS-B9D15AX-RM62	5.6 - 8.0	1/3 HP @ 115 V	14655832	\$ 152
PESWS-B9D15AX-RM63	7.0 - 10	1/2 HP @ 115 V	14655834	\$ 152
PESWS-B12D15AX-RM64	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 158
PESWS-B18D15AX-RM65	10 - 15	3/4 HP @ 115 V	14655539	\$ 166
PESWS-B18D15AX-RM66	11 - 17	1 HP @ 115 V	13339200	\$ 166
PESWS-B25D15AX-RM67	15 - 23	1 1/2 HP @ 115 V	14655802	\$ 174
PESWS-B32D15AX-RM68	22 - 32	2 HP @ 115 V	14655806	\$ 204
PESWS-B38D15AX-RM69	32 - 40	3 HP @ 115 V	Under request	\$ 339
PESWS-B40D15AX-RM70	25...40	3 HP @ 115 V	14970655	\$ 590
PESWS-B50D15AX-RM70	25...40	3 HP @ 115 V	Under request	\$ 621
PESWS-B50D15AX-RM72	40...57	5 HP @ 115 V	Under request	\$ 621
PESWS-9V18AX-RM26	2.8...4	- HP @ 115 V	10643927	\$ 152
PESWS-9V18AX-RM28	5.6...8	1/3 HP @ 115 V	10070776	\$ 152
PESWS-9V18AX-RM29	7...10	1/2 HP @ 115 V	10726051	\$ 152
PESWS-12V18AX-RM31	10...15	3/4 HP @ 115 V	10691152	\$ 158
PESWS-18V18AX-RM32	11...17	1 HP @ 115 V	10644685	\$ 166
PESWS-25V18AX-RM33	15...23	2 HP @ 115 V	10726057	\$ 174
PESWS-25V18AX-RM34	22...32	2 HP @ 115 V	10726068	\$ 174
PESWS-40V18AX-RM35	25...40	3 HP @ 115 V	10726069	\$ 339
PESWS-50V18AX-RM36	25...40	3 HP @ 115 V	10714191	\$ 621
PESWS-50V18AX-RM39	40...57	5 HP @ 115 V	10726070	\$ 621

### 208-240 V Coil with Start-Stop Pushbuttons - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24AX-RM58	1.2 - 1.8	1/10 HP @ 230 V	Under request	\$ 152
PESWS-B9V24AX-RM59	1.8 - 2.8	1/6 HP @ 230 V	Under request	\$ 152
PESWS-B9V24AX-RM60	2.8 - 4.0	1/3 HP @ 230 V	14655878	\$ 152
PESWS-B9V24AX-RM61	4.0 - 6.3	1/2 HP @ 230 V	14655879	\$ 152
PESWS-B9V24AX-RM62	5.6 - 8.0	1 HP @ 230 V	14655881	\$ 152
PESWS-B9V24AX-RM63	7.0 - 10	- HP @ 230 V	Under request	\$ 152
PESWS-B12V24AX-RM64	8.0 - 12.5	1 1/2 HP @ 230 V	Under request	\$ 158
PESWS-B18V24AX-RM65	10 - 15	2 HP @ 230 V	14655542	\$ 166
PESWS-B18V24AX-RM66	11 - 17	- HP @ 230 V	14655798	\$ 166
PESWS-B25V24AX-RM67	15 - 23	3 HP @ 230 V	13339509	\$ 174
PESWS-B32V24AX-RM68	22 - 32	5 HP @ 230 V	14655828	\$ 204
PESWS-B38V24AX-RM69	32 - 40	7 1/2 HP @ 230 V	Under request	\$ 339
PESWS-B50V24AX-RM70	25...40	7.1/2 HP @ 230 V	14970653	\$ 621
PESWS-B50V24AX-RM71	32...50	7.1/2 HP @ 230 V	14970652	\$ 621
PESWS-B65V24AX-RM71	32...50	10 HP @ 230 V	14970651	\$ 664
PESWS-9V24AX-RM26	2.8...4	1/2 HP @ 230 V	11186251	\$ 152
PESWS-9V24AX-RM27	4...6.3	3/4 HP @ 230 V	11186252	\$ 152
PESWS-9V24AX-RM28	5.6...8	1 HP @ 230 V	10186936	\$ 152
PESWS-9V24AX-RM30	8...12.5	1.1/2 HP @ 230 V	10706888	\$ 152
PESWS-12V24AX-RM31	10...15	2 HP @ 230 V	10707797	\$ 158
PESWS-18V24AX-RM32	11...17	3 HP @ 230 V	10707848	\$ 166
PESWS-25V24AX-RM33	15...23	3 HP @ 230 V	10726077	\$ 174
PESWS-25V24AX-RM34	22...32	5 HP @ 230 V	10186941	\$ 174
PESWS-50V24AX-RM36	25...40	7.1/2 HP @ 230 V	10726103	\$ 621
PESWS-50V24AX-RM38	32...50	7.1/2 HP @ 230 V	10212723	\$ 621
PESWS-65V24AX-RM38	32...50	10 HP @ 230 V	10075656	\$ 664

# Non-Combination Enclosed Starters



## Plastic Enclosed Starters PESW Series - NEMA 4X - Single-Phase

### 120 V Coil with Stop/Reset Pushbutton - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15EX-RM58	1.2 - 1.8	- HP @ 115 V	Under request	\$ 142
PESWS-B9D15EX-RM59	1.8 - 2.8	- HP @ 115 V	Under request	\$ 142
PESWS-B9D15EX-RM60	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 142
PESWS-B9D15EX-RM61	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 142
PESWS-B9D15EX-RM62	5.6 - 8.0	1/3 HP @ 115 V	14655835	\$ 142
PESWS-B9D15EX-RM63	7.0 - 10	1/2 HP @ 115 V	14655836	\$ 142
PESWS-B12D15EX-RM64	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 148
PESWS-B18D15EX-RM65	10 - 15	3/4 HP @ 115 V	Under request	\$ 155
PESWS-B18D15EX-RM66	11 - 17	1 HP @ 115 V	14655540	\$ 155
PESWS-B25D15EX-RM67	15 - 23	1 1/2 HP @ 115 V	14655803	\$ 163
PESWS-B32D15EX-RM68	22 - 32	2 HP @ 115 V	14655807	\$ 190
PESWS-B38D15EX-RM69	32 - 40	3 HP @ 115 V	Under request	\$ 326
PESWS-B40D15EX-RM70	25...40	3 HP @ 115 V	Under request	\$ 578
PESWS-B50D15EX-RM70	25...40	3 HP @ 115 V	Under request	\$ 609
PESWS-B50D15EX-RM72	40...57	5 HP @ 115 V	Under request	\$ 609
PESWS-9V18EX-RM28	5.6...8	1/3 HP @ 115 V	10070775	\$ 142
PESWS-9V18EX-RM29	7...10	5 HP @ 115 V	10726128	\$ 142
PESWS-9V18EX-RM30	8...12.5	- HP @ 115 V	10126858	\$ 142
PESWS-12V18EX-RM31	10...15	3/4 HP @ 115 V	10726130	\$ 148
PESWS-18V18EX-RM32	11...17	1 HP @ 115 V	10726131	\$ 155
PESWS-25V18EX-RM33	15...23	1 1/2 HP @ 115 V	10726132	\$ 163
PESWS-25V18EX-RM34	22...32	2 HP @ 115 V	10726133	\$ 163
PESWS-40V18EX-RM35	25...40	3 HP @ 115 V	10726135	\$ 326
PESWS-50V18EX-RM36	25...40	3 HP @ 115 V	10726136	\$ 609
PESWS-50V18EX-RM39	40...57	5 HP @ 115 V	10726137	\$ 609

### 208-240 V Coil with Stop/Reset Pushbutton - Single-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24EX-RM58	1.2 - 1.8	1/10 HP @ 230 V	Under request	\$ 142
PESWS-B9V24EX-RM59	1.8 - 2.8	1/6 HP @ 230 V	Under request	\$ 142
PESWS-B9V24EX-RM60	2.8 - 4.0	1/3 HP @ 230 V	Under request	\$ 142
PESWS-B9V24EX-RM61	4.0 - 6.3	1/2 HP @ 230 V	Under request	\$ 142
PESWS-B9V24EX-RM62	5.6 - 8.0	1 HP @ 230 V	Under request	\$ 142
PESWS-B9V24EX-RM63	7.0 - 10	- HP @ 230 V	Under request	\$ 142
PESWS-B12V24EX-RM64	8.0 - 12.5	1 1/2 HP @ 230 V	Under request	\$ 148
PESWS-B18V24EX-RM65	10 - 15	2 HP @ 230 V	Under request	\$ 155
PESWS-B18V24EX-RM66	11 - 17	- HP @ 230 V	14624175	\$ 155
PESWS-B25V24EX-RM67	15 - 23	3 HP @ 230 V	14655805	\$ 169
PESWS-B32V24EX-RM68	22 - 32	5 HP @ 230 V	14655829	\$ 190
PESWS-B38V24EX-RM69	32 - 40	7 1/2 HP @ 230 V	Under request	\$ 326
PESWS-B50V24EX-RM70	25...40	7.1/2 HP @ 230 V	14970654	\$ 609
PESWS-B50V24EX-RM71	32...50	7.1/2 HP @ 230 V	Under request	\$ 609
PESWS-B65V24EX-RM71	32...50	10 HP @ 230 V	14970650	\$ 652
PESWS-9V24EX-RM28	5.6...8	1 HP @ 230 V	10047365	\$ 142
PESWS-9V24EX-RM30	8...12.5	1 1/2 HP @ 230 V	10726178	\$ 142
PESWS-12V24EX-RM31	10...15	2 HP @ 230 V	10726180	\$ 148
PESWS-18V24EX-RM32	11...17	3 HP @ 230 V	10726181	\$ 155
PESWS-25V24EX-RM33	15...23	5 HP @ 230 V	10726182	\$ 163
PESWS-25V24EX-RM34	22...32	5 HP @ 230 V	10676769	\$ 163
PESWS-50V24EX-RM36	25...40	7.1/2 HP @ 230 V	10726184	\$ 609
PESWS-50V24EX-RM38	32...50	7.1/2 HP @ 230 V	10075663	\$ 609
PESWS-65V24EX-RM38	32...50	10 HP @ 230 V	10716249	\$ 652

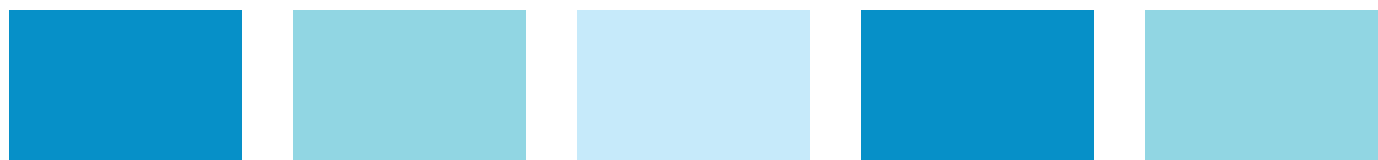
# Non-Combination Enclosed Starters

## Plastic Enclosed Starters PESW Series - NEMA 4X - Three-Phase



### 120 V Coil with Start-Stop Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D15AX-R57	0.8 - 1.2	1/3 / 1/2 / 1/2 @ 230 / 460 / 575 V	13455468	\$ 163
PESW-B9D15AX-R58	1.2 - 1.8	- / 3/4 / 1 @ 230 / 460 / 575 V	13455447	\$ 163
PESW-B9D15AX-R59	1.8 - 2.8	1/2 / 1 / 2 @ 230 / 460 / 575 V	13455445	\$ 163
PESW-B9D15AX-R60	2.8 - 4.0	3/4 / 2 / 3 @ 230 / 460 / 575 V	13438741	\$ 163
PESW-B9D15AX-R61	4.0 - 6.3	1 1/2 / 3 / 5 @ 230 / 460 / 575 V	13438743	\$ 163
PESW-B9D15AX-R62	5.6 - 8.0	2 / 5 / - @ 230 / 460 / 575 V	13438744	\$ 163
PESW-B9D15AX-R63	7.0 - 10	3 / - / 7 1/2 @ 230 / 460 / 575 V	13438745	\$ 163
PESW-B12D15AX-R64	8.0 - 12.5	- / 7 1/2 / 10 @ 230 / 460 / 575 V	13438746	\$ 170
PESW-B18D15AX-R66	11 - 17	5 / 10 / 15 @ 230 / 460 / 575 V	13438758	\$ 188
PESW-B25D15AX-R67	15 - 23	7 1/2 / 15 / - @ 230 / 460 / 575 V	13438760	\$ 198
PESW-B32D15AX-R68	22 - 32	10 / 20 / 25 @ 230 / 460 / 575 V	13438762	\$ 232
PESW-B38D15AX-R69	32 - 40	- / 25 / - @ 230 / 460 / 575 V	Under request	\$ 399
PESW-B40D15AX-R70	25...40	15 / 25 / - HP @ 230/460/600 V	14971347	\$ 694
PESW-B50D15AX-R70	25...40	15 / 25 / 30 HP @ 230/460/600 V	Under request	\$ 730
PESW-B50D15AX-R71	32...50	15 / 30 / 40 HP @ 230/460/600 V	14971341	\$ 730
PESW-B65D15AX-R72	40...57	20 / 40 / 50 HP @ 230/460/600 V	Under request	\$ 748
PESW-B80D15AX-R74	57...70	25 / 50 / 60 HP @ 230/460/600 V	Under request	\$ 803
PESW-9V18AX-R23	0.8...1.2	-	11186253	\$ 163
PESW-9V18AX-R24	1.2...1.8	- / 1 / 1 HP @ 230/460/600 V	10688058	\$ 163
PESW-9V18AX-R25	1.8...2.8	0.75 / 1.5 / 2 HP @ 230/460/600 V	10676708	\$ 163
PESW-9V18AX-R26	2.8...4	1 / 2 / 3 HP @ 230/460/600 V	10676713	\$ 163
PESW-9V18AX-R27	4...6.3	1.5 / 3 / 5 HP @ 230/460/600 V	10676715	\$ 163
PESW-9V18AX-R28	5.6...8	2 / 5 / - HP @ 230/460/600 V	10728679	\$ 163
PESW-9V18AX-R29	7...10	3 / - / 7.5 HP @ 230/460/600 V	10728677	\$ 163
PESW-12V18AX-R30	8...12.5	- / 7.5 / 10 HP @ 230/460/600 V	10728682	\$ 170
PESW-18V18AX-R32	11...17	5 / 10 / 15 HP @ 230/460/600 V	10707796	\$ 188
PESW-25V18AX-R33	15...23	7.5 / 15 / - HP @ 230/460/600 V	10716225	\$ 198
PESW-32V18AX-R33	15...23	7.5 / 15 / 20 HP @ 230/460/600 V	10728685	\$ 265
PESW-32V18AX-R34	22...32	10 / 20 / 25 HP @ 230/460/600 V	10728686	\$ 265
PESW-40V18AX-R35	25...40	15 / 25 / - HP @ 230/460/600 V	10728701	\$ 399
PESW-50V18AX-R36	25...40	15 / 25 / 30 HP @ 230/460/600 V	10728704	\$ 730
PESW-50V18AX-R38	32...50	15 / 30 / 40 HP @ 230/460/600 V	10212744	\$ 730
PESW-65V18AX-R39	40...57	20 / 40 / 50 HP @ 230/460/600 V	10728713	\$ 748
PESW-80V18AX-R41	57...70	25 / 50 / 60 HP @ 230/460/600 V	10796801	\$ 811
PESW-95V18AX-R43	63...80	30 / 60 / 75 HP @ 230/460/600 V	10212712	\$ 982
PESW-105V18AX-R44	75...97	- / 75 / - HP @ 230/460/600 V	10734039	\$ 1,022
PESW-105V18AX-R45	90...112	40 / - / - HP @ 230/460/600 V	10796799	\$ 1,022



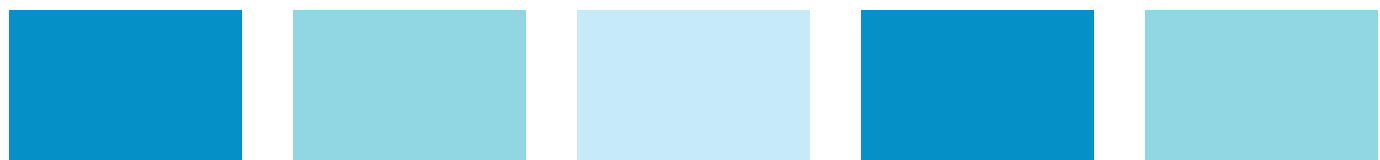
# Non-Combination Enclosed Starters



## Plastic Enclosed Starters PESW Series - NEMA 4X - Single-Phase

### 208-240 V Coil with Start-Stop Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24AX-R57	0.8 - 1.2	1/3 / 1/2 / 1/2 @ 230 / 460 / 575 V	14655505	\$ 163
PESW-B9V24AX-R58	1.2 - 1.8	- / 3/4 / 1 @ 230 / 460 / 575 V	13455469	\$ 163
PESW-B9V24AX-R59	1.8 - 2.8	1/2 / 1 / 2 @ 230 / 460 / 575 V	13455470	\$ 163
PESW-B9V24AX-R60	2.8 - 4.0	3/4 / 2 / 3 @ 230 / 460 / 575 V	13438764	\$ 163
PESW-B9V24AX-R61	4.0 - 6.3	1 1/2 / 3 / 5 @ 230 / 460 / 575 V	13438765	\$ 163
PESW-B9V24AX-R62	5.6 - 8.0	2 / 5 / - @ 230 / 460 / 575 V	13438766	\$ 163
PESW-B9V24AX-R63	7.0 - 10	3 / - / 7 1/2 @ 230 / 460 / 575 V	13339407	\$ 163
PESW-B12V24AX-R64	8.0 - 12.5	- / 7 1/2 / 10 @ 230 / 460 / 575 V	13438767	\$ 170
PESW-B18V24AX-R66	11 - 17	5 / 10 / 15 @ 230 / 460 / 575 V	13339406	\$ 188
PESW-B25V24AX-R67	15 - 23	7 1/2 / 15 / - @ 230 / 460 / 575 V	13438781	\$ 198
PESW-B32V24AX-R68	22 - 32	10 / 20 / 25 @ 230 / 460 / 575 V	13438783	\$ 232
PESW-B38V24AX-R69	32 - 40	- / 25 / - @ 230 / 460 / 575 V	14146612	\$ 399
PESW-B40V24AX-R70	25...40	15 HP @ 230 V	14971345	\$ 694
PESW-B50V24AX-R70	25...40	15 HP @ 230 V	Under request	\$ 730
PESW-B50V24AX-R71	32...50	15 HP @ 230 V	14971339	\$ 730
PESW-B65V24AX-R72	40...57	20 HP @ 230 V	14971040	\$ 748
PESW-B80V24AX-R74	57...70	25 HP @ 230 V	14971023	\$ 803
PESW-9V24AX-R23	0.8...1.2	1/3 HP @ 230 V	11186254	\$ 163
PESW-9V24AX-R25	1.8...2.8	3/4 HP @ 230 V	10187705	\$ 163
PESW-9V24AX-R26	2.8...4	1 HP @ 230 V	10733502	\$ 163
PESW-9V24AX-R27	4...6.3	1.1/2 HP @ 230 V	10733503	\$ 163
PESW-9V24AX-R28	5.6...8	2 HP @ 230 V	10047488	\$ 163
PESW-9V24AX-R29	7...10	3 HP @ 230 V	10733507	\$ 163
PESW-18V24AX-R32	11...17	5 HP @ 230 V	10733508	\$ 183
PESW-25V24AX-R33	15...23	7.1/2 HP @ 230 V	10733509	\$ 198
PESW-32V24AX-R33	15...23	7.1/2 HP @ 230 V	10733510	\$ 265
PESW-32V24AX-R34	22...32	10 HP @ 230 V	10733512	\$ 265
PESW-40V24AX-R35	25...40	15 HP @ 230 V	10733554	\$ 399
PESW-50V24AX-R36	25...40	15 HP @ 230 V	10733555	\$ 730
PESW-50V24AX-R38	32...50	15 HP @ 230 V	10687945	\$ 730
PESW-65V24AX-R39	40...57	20 HP @ 230 V	10733558	\$ 748
PESW-80V24AX-R41	57...70	25 HP @ 230 V	10716227	\$ 811
PESW-95V24AX-R43	63...80	30 HP @ 230 V	10212709	\$ 982
PESW-105V24AX-R45	90...112	40 HP @ 230 V	10796787	\$ 1,022





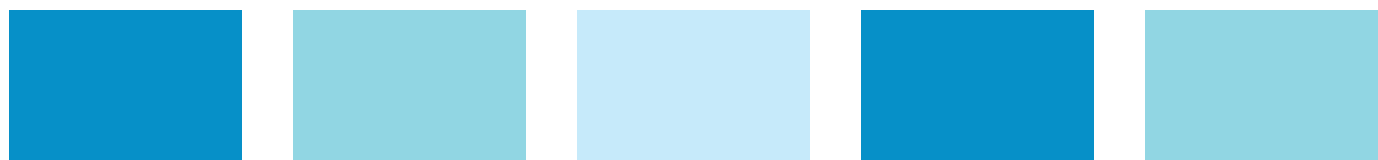
# Non-Combination Enclosed Starters

## Plastic Enclosed Starters PESW Series - NEMA 4X - Three-Phase



### 480 V Coil with Start-Stop Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D39AX-R57	0.8 - 1.2	1/2 HP @ 460 V	13455442	\$ 163
PESW-B9D39AX-R58	1.2 - 1.8	3/4 HP @ 460 V	13455443	\$ 163
PESW-B9D39AX-R59	1.8 - 2.8	1 HP @ 460 V	13455444	\$ 163
PESW-B9D39AX-R60	2.8 - 4.0	2 HP @ 460 V	13438798	\$ 163
PESW-B9D39AX-R61	4.0 - 6.3	3 HP @ 460 V	13438799	\$ 163
PESW-B9D39AX-R62	5.6 - 8.0	5 HP @ 460 V	13438800	\$ 163
PESW-B9D39AX-R63	7.0 - 10	- HP @ 460 V	13438801	\$ 163
PESW-B12D39AX-R64	8.0 - 12.5	7 1/2 HP @ 460 V	13438802	\$ 170
PESW-B18D39AX-R66	11 - 17	10 HP @ 460 V	13438804	\$ 188
PESW-B25D39AX-R67	15 - 23	15 HP @ 460 V	13438806	\$ 198
PESW-B32D39AX-R68	22 - 32	20 HP @ 460 V	13438818	\$ 232
PESW-B38D39AX-R69	32 - 40	25 HP @ 460 V	14146615	\$ 399
PESW-B40D39AX-R70	25...40	25 HP @ 460 V	14971343	\$ 694
PESW-B50D39AX-R70	25...40	25 HP @ 460 V	Under request	\$ 730
PESW-B50D39AX-R71	32...50	30 HP @ 460 V	14971338	\$ 730
PESW-B65D39AX-R72	40...57	40 HP @ 460 V	14971027	\$ 748
PESW-B80D39AX-R74	57...70	50 HP @ 460 V	14970976	\$ 811
PESW-9V47AX-R23	0.8...1.2	1/2 HP @ 460 V	11186255	\$ 163
PESW-9V47AX-R24	1.2...1.8	1 HP @ 460 V	10734046	\$ 163
PESW-9V47AX-R25	1.8...2.8	1.1/2 HP @ 460 V	10734047	\$ 163
PESW-9V47AX-R26	2.8...4	2 HP @ 460 V	10734088	\$ 163
PESW-9V47AX-R27	4...6.3	3 HP @ 460 V	10644829	\$ 163
PESW-9V47AX-R28	5.6...8	5 HP @ 460 V	10734090	\$ 163
PESW-12V47AX-R30	8...12.5	7.1/2 HP @ 460 V	10734091	\$ 170
PESW-18V47AX-R32	11...17	10 HP @ 460 V	10734092	\$ 188
PESW-25V47AX-R33	15...23	15 HP @ 460 V	10734093	\$ 198
PESW-32V47AX-R33	15...23	15 HP @ 460 V	10734095	\$ 265
PESW-32V47AX-R34	22...32	20 HP @ 460 V	10734096	\$ 265
PESW-40V47AX-R35	25...40	25 HP @ 460 V	10734098	\$ 399
PESW-50V47AX-R36	25...40	25 HP @ 460 V	10734103	\$ 730
PESW-50V47AX-R38	32...50	30 HP @ 460 V	10716226	\$ 730
PESW-65V47AX-R39	40...57	40 HP @ 460 V	10734106	\$ 748
PESW-95V47AX-R43	63...80	60 HP @ 460 V	10796784	\$ 982
PESW-105V47AX-R44	75...97	75 HP @ 460 V	10687943	\$ 1,022



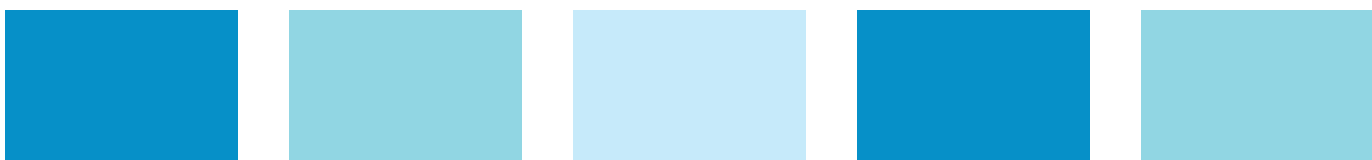
# Non-Combination Enclosed Starters



## Plastic Enclosed Starters PESW Series - NEMA 4X - Three-Phase

### 600 V Coil with Start-Stop Pushbuttons - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D45AX-R58	1.2...1.8	1 HP @ 575 V	14833151	\$ 163
PESW-B9D45AX-R59	1.8...2.8	1.1/2 HP @ 575 V	16068662	\$ 163
PESW-B9D45AX-R60	2.8...4	3 HP @ 575 V	16068663	\$ 163
PESW-B9D45AX-R61	4...6.3	5 HP @ 575 V	15518431	\$ 163
PESW-B12D45AX-R63	7...10	7.1/2 HP @ 575 V	16090311	\$ 188
PESW-B18D45AX-R64	8...12.5	10 HP @ 575 V	16090312	\$ 209
PESW-B25D45AX-R66	11...17	15 HP @ 575 V	16090313	\$ 265
PESW-B32D45AX-R67	15...23	20 HP @ 575 V	16090314	\$ 265
PESW-B65D45AX-R70	25...40	30 HP @ 575 V	16090316	\$ 748
PESW-B80D45AX-R71	32...50	40 HP @ 575 V	16090317	\$ 811
PESW-B80D45AX-R72	40...57	50 HP @ 575 V	16090488	\$ 811
PESW-B80D45AX-R74	57...70	60 HP @ 575 V	Under request	\$ 811
PESW-9V56AX-R24	1.2...1.8	1 HP @ 575 V	10733625	\$ 163
PESW-9V56AX-R25	1.8...2.8	1.1/2 HP @ 575 V	10733626	\$ 163
PESW-9V56AX-R26	2.8...4	3 HP @ 575 V	10733627	\$ 163
PESW-9V56AX-R27	4...6.3	5 HP @ 575 V	10733649	\$ 163
PESW-9V56AX-R29	7...10	7.1/2 HP @ 575 V	10733651	\$ 170
PESW-12V56AX-R30	8...12.5	10 HP @ 575 V	10733652	\$ 188
PESW-18V56AX-R32	11...17	15 HP @ 575 V	10733653	\$ 265
PESW-32V56AX-R33	15...23	20 HP @ 575 V	10876950	\$ 265
PESW-32V56AX-R34	22...32	25 HP @ 575 V	10733657	\$ 730
PESW-50V56AX-R36	25...40	30 HP @ 575 V	10187558	\$ 730
PESW-50V56AX-R38	32...50	40 HP @ 575 V	12848793	\$ 748
PESW-65V56AX-R39	40...57	50 HP @ 575 V	10733669	\$ 811
PESW-80V56AX-R41	57...70	60 HP @ 575 V	10733674	\$ 811
PESW-95V56AX-R43	63...80	75 HP @ 575 V	10804942	\$ 982



# Non-Combination Enclosed Starters

## Plastic Enclosed Starters PESW Series - NEMA 4X - Three-Phase

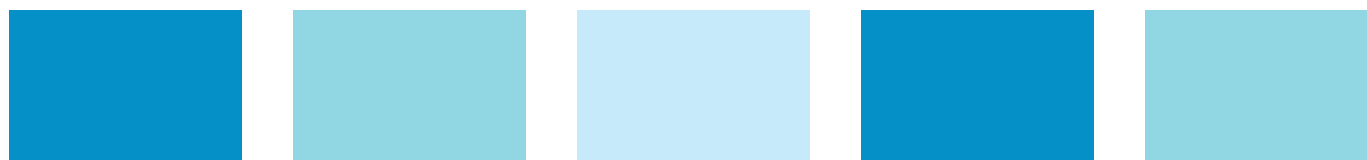


### 120 V Coil with Stop/Reset Pushbutton - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D15EX-R57	0.8 - 1.2	1/3 / 1/2 / 1/2 HP @ 230 / 460 V	Under request	\$ 153
PESW-B9D15EX-R58	1.2 - 1.8	- / 3/4 / 1 HP @ 230 / 460 V	14655236	\$ 153
PESW-B9D15EX-R59	1.8 - 2.8	1/2 / 1 / 2 HP @ 230 / 460 V	14655379	\$ 153
PESW-B9D15EX-R60	2.8 - 4.0	3/4 / 2 / 3 HP @ 230 / 460 V	14655385	\$ 153
PESW-B9D15EX-R61	4.0 - 6.3	1 1/2 / 3 / 5 HP @ 230 / 460 V	Under request	\$ 153
PESW-B9D15EX-R62	5.6 - 8.0	2 / 5 / - HP @ 230 / 460 V	14655387	\$ 153
PESW-B9D15EX-R63	7.0 - 10	3 / - / 7 1/2 HP @ 230 / 460 V	14655498	\$ 153
PESW-B12D15EX-R64	8.0 - 12.5	- / 7 1/2 / 10 HP @ 230 / 460 V	Under request	\$ 159
PESW-B18D15EX-R66	11 - 17	5 / 10 / 15 HP @ 230 / 460 V	14655194	\$ 176
PESW-B25D15EX-R67	15 - 23	7 1/2 / 15 / - HP @ 230 / 460 V	Under request	\$ 185
PESW-B32D15EX-R68	22 - 32	10 / 20 / 25 HP @ 230 / 460 V	Under request	\$ 217
PESW-B38D15EX-R69	32 - 40	- / 25 / - HP @ 230 / 460 V	Under request	\$ 384
PESW-B40D15EX-R70	25...40	15 / 25 HP @ 230/460 V	Under request	\$ 680
PESW-B50D15EX-R70	25...40	15 / 25 / 30 HP @ 230/460/600 V	Under request	\$ 716
PESW-B50D15EX-R71	32...50	15 / 30 HP @ 230/460 V	14971342	\$ 716
PESW-B65D15EX-R72	40...57	20 / 40 HP @ 230/460 V	Under request	\$ 733
PESW-B80D15EX-R74	57...70	25 / 50 HP @ 230/460 V	Under request	\$ 795
PESW-95V18EX-R43	63...80	30 / 60 HP @ 230/460 V	10796807	\$ 963
PESW-105V18EX-R44	75...97	- / 75 HP @ 230/460 V	10733908	\$ 1,002
PESW-105V18EX-R45	90...112	40 / - HP @ 230/460 V	10796806	\$ 1,002

### 208-240 V Coil with Stop/Reset Pushbutton - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24EX-R57	0.8 - 1.2	1/3 HP @ 230 V	Under request	Under request
PESW-B9V24EX-R58	1.2 - 1.8	- HP @ 230 V	Under request	\$ 153
PESW-B9V24EX-R59	1.8 - 2.8	1/2 HP @ 230 V	Under request	\$ 153
PESW-B9V24EX-R60	2.8 - 4.0	3/4 HP @ 230 V	14655507	\$ 153
PESW-B9V24EX-R61	4.0 - 6.3	1 1/2 HP @ 230 V	Under request	\$ 153
PESW-B9V24EX-R62	5.6 - 8.0	2 HP @ 230 V	14655538	\$ 153
PESW-B9V24EX-R63	7.0 - 10	3 HP @ 230 V	Under request	\$ 153
PESW-B12V24EX-R64	8.0 - 12.5	- HP @ 230 V	Under request	\$ 159
PESW-B18V24EX-R66	11 - 17	5 HP @ 230 V	14655196	\$ 176
PESW-B25V24EX-R67	15 - 23	7 1/2 HP @ 230 V	14655231	\$ 185
PESW-B32V24EX-R68	22 - 32	10 HP @ 230 V	14655233	\$ 217
PESW-B38V24EX-R69	32 - 40	- HP @ 230 V	Under request	\$ 384
PESW-B40V24EX-R70	25...40	15 HP @ 230 V	14971346	\$ 680
PESW-B50V24EX-R70	25...40	15 HP @ 230 V	Under request	\$ 716
PESW-B50V24EX-R71	32...50	15 HP @ 230 V	Under request	\$ 716
PESW-B65V24EX-R72	40...57	20 HP @ 230 V	14971039	\$ 733
PESW-B80V24EX-R74	57...70	25 HP @ 230 V	14971020	\$ 795
PESW-95V24EX-R43	63...80	30 HP @ 230 V	10796803	\$ 963
PESW-105V24EX-R45	90...112	40 HP @ 230 V	10796805	\$ 1,002



# Non-Combination Enclosed Starters



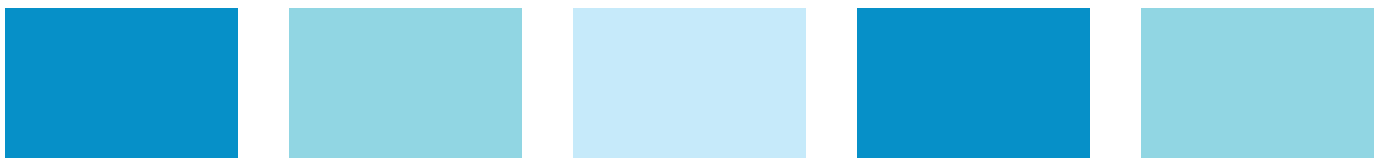
## Plastic Enclosed Starters PESW Series - NEMA 4X - Three-Phase

### 480 V Coil with Stop/Reset Pushbutton - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D39EX-R57	0.8 - 1.2	1/2 HP @ 460 V	Under request	\$ 153
PESW-B9D39EX-R58	1.2 - 1.8	3/4 HP @ 460 V	Under request	\$ 153
PESW-B9D39EX-R59	1.8 - 2.8	1 HP @ 460 V	14655499	\$ 153
PESW-B9D39EX-R60	2.8 - 4.0	2 HP @ 460 V	Under request	\$ 153
PESW-B9D39EX-R61	4.0 - 6.3	3 HP @ 460 V	14655501	\$ 153
PESW-B9D39EX-R62	5.6 - 8.0	5 HP @ 460 V	14655502	\$ 153
PESW-B9D39EX-R63	7.0 - 10	- HP @ 460 V	Under request	\$ 153
PESW-B12D39EX-R64	8.0 - 12.5	7 1/2 HP @ 460 V	Under request	\$ 159
PESW-B18D39EX-R66	11 - 17	10 HP @ 460 V	14655189	\$ 176
PESW-B25D39EX-R67	15 - 23	15 HP @ 460 V	14655195	\$ 185
PESW-B32D39EX-R68	22 - 32	20 HP @ 460 V	Under request	\$ 217
PESW-B38D39EX-R69	32 - 40	25 HP @ 460 V	Under request	\$ 384
PESW-B40D39EX-R70	25...40	25 HP @ 460 V	Under request	\$ 680
PESW-B50D39EX-R70	25...40	25 HP @ 460 V	Under request	\$ 716
PESW-B50D39EX-R71	32...50	30 HP @ 460 V	Under request	\$ 716
PESW-B65D39EX-R72	40...57	40 HP @ 460 V	Under request	\$ 733
PESW-B80D39EX-R74	57...70	50 HP @ 460 V	Under request	\$ 795
PESW-95V47EX-R43	63...80	60 HP @ 460 V	10796802	\$ 963
PESW-105V47EX-R44	75...97	75 HP @ 460 V	10733993	\$ 1,002

### 600 V Coil with Stop/Reset Pushbutton - Three-Phase

Part Number	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D45EX-R58	1.2...1.8	1 HP @ 575 V	Under request	\$ 153
PESW-B9D45EX-R59	1.8...2.8	1.1/2 HP @ 575 V	Under request	\$ 153
PESW-B9D45EX-R60	2.8...4	3 HP @ 575 V	Under request	\$ 153
PESW-B9D45EX-R61	4...6.3	5 HP @ 575 V	Under request	\$ 153
PESW-B9D45EX-R63	7...10	7.1/2 HP @ 575 V	Under request	\$ 153
PESW-B12D45EX-R64	8...12.5	10 HP @ 575 V	Under request	\$ 159
PESW-B18D45EX-R66	11...17	15 HP @ 575 V	Under request	\$ 176
PESW-B32D45EX-R67	15...23	20 HP @ 575 V	Under request	\$ 255
PESW-B32D45EX-R68	22...32	25 HP @ 575 V	Under request	\$ 255
PESW-B50D45EX-R70	25...40	30 HP @ 575 V	Under request	\$ 716
PESW-B50D45EX-R71	32...50	40 HP @ 575 V	Under request	\$ 716
PESW-B65D45EX-R72	40...57	50 HP @ 575 V	Under request	\$ 733
PESW-B80D45EX-R74	57...70	60 HP @ 575 V	Under request	\$ 795
PESW-95V56EX-R43	63...80	75 HP @ 575 V	10804943	\$ 963



# Non-Combination Enclosed Starters

## Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Single-Phase

### 120 V Coil - 0-AUTO Functionality - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15IFX-RM58	CWB	1.2 - 1.8	- HP @ 115 V	Under request	\$ 181
PESWS-B9D15IFX-RM59	CWB	1.8 - 2.8	- HP @ 115 V	Under request	\$ 181
PESWS-B9D15IFX-RM60	CWB	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 181
PESWS-B9D15IFX-RM61	CWB	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 181
PESWS-B9D15IFX-RM62	CWB	5.6 - 8.0	1/3 HP @ 115 V	Under request	\$ 181
PESWS-B9D15IFX-RM63	CWB	7.0 - 10	1/2 HP @ 115 V	Under request	\$ 181
PESWS-B12D15IFX-RM64	CWB	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 187
PESWS-B18D15IFX-RM65	CWB	10 - 15	3/4 HP @ 115 V	Under request	\$ 194
PESWS-B18D15IFX-RM66	CWB	11 - 17	1 HP @ 115 V	Under request	\$ 194
PESWS-B25D15IFX-RM67	CWB	15 - 23	1 1/2 HP @ 115 V	Under request	\$ 201
PESWS-B32D15IFX-RM68	CWB	22 - 32	2 HP @ 115 V	Under request	\$ 225
PESWS-B38D15IFX-RM69	CWB	32 - 40	3 HP @ 115 V	Under request	\$ 251

### 208-240 V Coil - 0-AUTO Functionality - Single-Phase

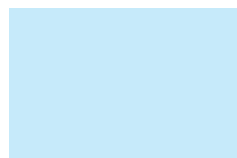


Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24IFX-RM58	CWB	1.2 - 1.8	1/10 @ 230 V	Under request	\$ 181
PESWS-B9V24IFX-RM59	CWB	1.8 - 2.8	1/6 @ 230 V	Under request	\$ 181
PESWS-B9V24IFX-RM60	CWB	2.8 - 4.0	1/3 @ 230 V	Under request	\$ 181
PESWS-B9V24IFX-RM61	CWB	4.0 - 6.3	1/2 @ 230 V	Under request	\$ 181
PESWS-B9V24IFX-RM62	CWB	5.6 - 8.0	1 @ 230 V	Under request	\$ 181
PESWS-B9V24IFX-RM63	CWB	7.0 - 10	- @ 230 V	Under request	\$ 181
PESWS-B12V24IFX-RM64	CWB	8.0 - 12.5	1/2 @ 230 V	Under request	\$ 187
PESWS-B18V24IFX-RM65	CWB	10 - 15	2 @ 230 V	Under request	\$ 194
PESWS-B18V24IFX-RM66	CWB	11 - 17	- @ 230 V	Under request	\$ 194
PESWS-B25V24IFX-RM67	CWB	15 - 23	3 @ 230 V	Under request	\$ 201
PESWS-B32V24IFX-RM68	CWB	22 - 32	5 @ 230 V	Under request	\$ 225
PESWS-B38V24IFX-RM69	CWB	32 - 40	7 1/2 @ 230 V	Under request	\$ 251

### 120 V Coil - Reset Pushbutton + 0-AUTO Functionality - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15EFX-RM58	CWB	1.2 - 1.8	- HP @ 115 V	Under request	\$ 186
PESWS-B9D15EFX-RM59	CWB	1.8 - 2.8	- HP @ 115 V	Under request	\$ 186
PESWS-B9D15EFX-RM60	CWB	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 186
PESWS-B9D15EFX-RM61	CWB	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 186
PESWS-B9D15EFX-RM62	CWB	5.6 - 8.0	1/3 HP @ 115 V	Under request	\$ 186
PESWS-B9D15EFX-RM63	CWB	7.0 - 10	1/2 HP @ 115 V	Under request	\$ 186
PESWS-B12D15EFX-RM64	CWB	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 192
PESWS-B18D15EFX-RM65	CWB	10 - 15	3/4 HP @ 115 V	Under request	\$ 199
PESWS-B18D15EFX-RM66	CWB	11 - 17	1 HP @ 115 V	Under request	\$ 199
PESWS-B25D15EFX-RM67	CWB	15 - 23	1 1/2 HP @ 115 V	Under request	\$ 206
PESWS-B32D15EFX-RM68	CWB	22 - 32	2 HP @ 115 V	Under request	\$ 230
PESWS-B38D15EFX-RM69	CWB	32 - 40	3 HP @ 115 V	Under request	\$ 256



## Non-Combination Enclosed Starters

### Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Single-Phase

#### 208-240 V Coil - Reset Pushbutton + 0-AUTO Functionality - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24EFX-RM58	CWB	1.2 - 1.8	1/10 @ 230 V	Under request	\$ 186
PESWS-B9V24EFX-RM59	CWB	1.8 - 2.8	1/6 @ 230 V	Under request	\$ 186
PESWS-B9V24EFX-RM60	CWB	2.8 - 4.0	1/3 @ 230 V	Under request	\$ 186
PESWS-B9V24EFX-RM61	CWB	4.0 - 6.3	1/2 @ 230 V	Under request	\$ 186
PESWS-B9V24EFX-RM62	CWB	5.6 - 8.0	1 @ 230 V	Under request	\$ 186
PESWS-B9V24EFX-RM63	CWB	7.0 - 10	- @ 230 V	Under request	\$ 186
PESWS-B12V24EFX-RM64	CWB	8.0 - 12.5	1/2 @ 230 V	Under request	\$ 192
PESWS-B18V24EFX-RM65	CWB	10 - 15	2 @ 230 V	Under request	\$ 199
PESWS-B18V24EFX-RM66	CWB	11 - 17	- @ 230 V	Under request	\$ 199
PESWS-B25V24EFX-RM67	CWB	15 - 23	3 @ 230 V	Under request	\$ 206
PESWS-B32V24EFX-RM68	CWB	22 - 32	5 @ 230 V	Under request	\$ 230
PESWS-B38V24EFX-RM69	CWB	32 - 40	7 1/2 @ 230 V	Under request	\$ 256

#### 120 V Coil - HAND-0-AUTO Functionality - Single-Phase

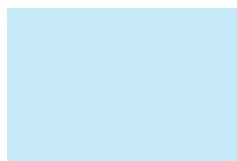
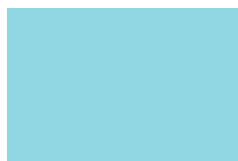


Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15ICX-RM58	CWB	1.2 - 1.8	- HP @ 115 V	Under request	\$ 188
PESWS-B9D15ICX-RM59	CWB	1.8 - 2.8	- HP @ 115 V	Under request	\$ 188
PESWS-B9D15ICX-RM60	CWB	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 188
PESWS-B9D15ICX-RM61	CWB	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 188
PESWS-B9D15ICX-RM62	CWB	5.6 - 8.0	1/3 HP @ 115 V	Under request	\$ 188
PESWS-B9D15ICX-RM63	CWB	7.0 - 10	1/2 HP @ 115 V	Under request	\$ 188
PESWS-B12D15ICX-RM64	CWB	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 194
PESWS-B18D15ICX-RM65	CWB	10 - 15	3/4 HP @ 115 V	Under request	\$ 201
PESWS-B18D15ICX-RM66	CWB	11 - 17	1 HP @ 115 V	Under request	\$ 201
PESWS-B25D15ICX-RM67	CWB	15 - 23	1 1/2 HP @ 115 V	Under request	\$ 208
PESWS-B32D15ICX-RM68	CWB	22 - 32	2 HP @ 115 V	Under request	\$ 232
PESWS-B38D15ICX-RM69	CWB	32 - 40	3 HP @ 115 V	Under request	\$ 258

#### 208-240 V Coil - HAND-0-AUTO Functionality - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24ICX-RM58	CWB	1.2 - 1.8	1/10 @ 230 V	Under request	\$ 188
PESWS-B9V24ICX-RM59	CWB	1.8 - 2.8	1/6 @ 230 V	Under request	\$ 188
PESWS-B9V24ICX-RM60	CWB	2.8 - 4.0	1/3 @ 230 V	Under request	\$ 188
PESWS-B9V24ICX-RM61	CWB	4.0 - 6.3	1/2 @ 230 V	Under request	\$ 188
PESWS-B9V24ICX-RM62	CWB	5.6 - 8.0	1 @ 230 V	Under request	\$ 188
PESWS-B9V24ICX-RM63	CWB	7.0 - 10	- @ 230 V	Under request	\$ 188
PESWS-B12V24ICX-RM64	CWB	8.0 - 12.5	1/2 @ 230 V	Under request	\$ 194
PESWS-B18V24ICX-RM65	CWB	10 - 15	2 @ 230 V	Under request	\$ 201
PESWS-B18V24ICX-RM66	CWB	11 - 17	- @ 230 V	Under request	\$ 201
PESWS-B25V24ICX-RM67	CWB	15 - 23	3 @ 230 V	Under request	\$ 208
PESWS-B32V24ICX-RM68	CWB	22 - 32	5 @ 230 V	Under request	\$ 232
PESWS-B38V24ICX-RM69	CWB	32 - 40	7 1/2 @ 230 V	Under request	\$ 258



## Non-Combination Enclosed Starters

### Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Single-Phase

#### 120 V Coil - Reset Pushbutton + HAND-0-AUTO Functionality - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15ECX-RM58	CWB	1.2 - 1.8	- HP @ 115 V	Under request	\$ 192
PESWS-B9D15ECX-RM59	CWB	1.8 - 2.8	- HP @ 115 V	Under request	\$ 192
PESWS-B9D15ECX-RM60	CWB	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 192
PESWS-B9D15ECX-RM61	CWB	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 192
PESWS-B9D15ECX-RM62	CWB	5.6 - 8.0	1/3 HP @ 115 V	Under request	\$ 192
PESWS-B9D15ECX-RM63	CWB	7.0 - 10	1/2 HP @ 115 V	Under request	\$ 192
PESWS-B12D15ECX-RM64	CWB	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 198
PESWS-B18D15ECX-RM65	CWB	10 - 15	3/4 HP @ 115 V	Under request	\$ 205
PESWS-B18D15ECX-RM66	CWB	11 - 17	1 HP @ 115 V	Under request	\$ 205
PESWS-B25D15ECX-RM67	CWB	15 - 23	1 1/2 HP @ 115 V	Under request	\$ 213
PESWS-B32D15ECX-RM68	CWB	22 - 32	2 HP @ 115 V	Under request	\$ 237
PESWS-B38D15ECX-RM69	CWB	32 - 40	3 HP @ 115 V	Under request	\$ 263

#### 208-240 V Coil - Reset Pushbutton + HAND-0-AUTO Functionality - Single-Phase

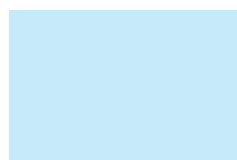


Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24ECX-RM58	CWB	1.2 - 1.8	1/10 @ 230 V	Under request	\$ 192
PESWS-B9V24ECX-RM59	CWB	1.8 - 2.8	1/6 @ 230 V	Under request	\$ 192
PESWS-B9V24ECX-RM60	CWB	2.8 - 4.0	1/3 @ 230 V	Under request	\$ 192
PESWS-B9V24ECX-RM61	CWB	4.0 - 6.3	1/2 @ 230 V	Under request	\$ 192
PESWS-B9V24ECX-RM62	CWB	5.6 - 8.0	1 @ 230 V	Under request	\$ 192
PESWS-B9V24ECX-RM63	CWB	7.0 - 10	- @ 230 V	Under request	\$ 192
PESWS-B12V24ECX-RM64	CWB	8.0 - 12.5	1/2 @ 230 V	Under request	\$ 198
PESWS-B18V24ECX-RM65	CWB	10 - 15	2 @ 230 V	Under request	\$ 205
PESWS-B18V24ECX-RM66	CWB	11 - 17	- @ 230 V	Under request	\$ 205
PESWS-B25V24ECX-RM67	CWB	15 - 23	3 @ 230 V	Under request	\$ 213
PESWS-B32V24ECX-RM68	CWB	22 - 32	5 @ 230 V	Under request	\$ 237
PESWS-B38V24ECX-RM69	CWB	32 - 40	7 1/2 @ 230 V	Under request	\$ 263

#### 120 V Coil - Start + Stop/Reset Pushbuttons + HAND-0-AUTO Additional Functionality - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15ACX-RM58	CWB	1.2 - 1.8	- HP @ 115 V	Under request	\$ 197
PESWS-B9D15ACX-RM59	CWB	1.8 - 2.8	- HP @ 115 V	Under request	\$ 197
PESWS-B9D15ACX-RM60	CWB	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 197
PESWS-B9D15ACX-RM61	CWB	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 197
PESWS-B9D15ACX-RM62	CWB	5.6 - 8.0	1/3 HP @ 115 V	Under request	\$ 197
PESWS-B9D15ACX-RM63	CWB	7.0 - 10	1/2 HP @ 115 V	Under request	\$ 197
PESWS-B12D15ACX-RM64	CWB	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 203
PESWS-B18D15ACX-RM65	CWB	10 - 15	3/4 HP @ 115 V	Under request	\$ 210
PESWS-B18D15ACX-RM66	CWB	11 - 17	1 HP @ 115 V	Under request	\$ 210
PESWS-B25D15ACX-RM67	CWB	15 - 23	1 1/2 HP @ 115 V	Under request	\$ 218
PESWS-B32D15ACX-RM68	CWB	22 - 32	2 HP @ 115 V	Under request	\$ 242
PESWS-B38D15ACX-RM69	CWB	32 - 40	3 HP @ 115 V	Under request	\$ 268



## Non-Combination Enclosed Starters

### Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Single-Phase

#### 208-240 V Coil - Start + Stop/Reset Pushbuttons + HAND-0-AUTO Additional Functionality - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24ACX-RM58	CWB	1.2 - 1.8	1/10 @ 230 V	Under request	\$ 197
PESWS-B9V24ACX-RM59	CWB	1.8 - 2.8	1/6 @ 230 V	Under request	\$ 197
PESWS-B9V24ACX-RM60	CWB	2.8 - 4.0	1/3 @ 230 V	Under request	\$ 197
PESWS-B9V24ACX-RM61	CWB	4.0 - 6.3	1/2 @ 230 V	Under request	\$ 197
PESWS-B9V24ACX-RM62	CWB	5.6 - 8.0	1 @ 230 V	Under request	\$ 197
PESWS-B9V24ACX-RM63	CWB	7.0 - 10	- @ 230 V	Under request	\$ 197
PESWS-B12V24ACX-RM64	CWB	8.0 - 12.5	1/2 @ 230 V	Under request	\$ 203
PESWS-B18V24ACX-RM65	CWB	10 - 15	2 @ 230 V	Under request	\$ 210
PESWS-B18V24ACX-RM66	CWB	11 - 17	- @ 230 V	Under request	\$ 210
PESWS-B25V24ACX-RM67	CWB	15 - 23	3 @ 230 V	Under request	\$ 218
PESWS-B32V24ACX-RM68	CWB	22 - 32	5 @ 230 V	Under request	\$ 242
PESWS-B38V24ACX-RM69	CWB	32 - 40	7 1/2 @ 230 V	Under request	\$ 268

#### 120 V Coil - Start + Stop/Reset Pushbuttons + Red Signalling<sup>1)</sup> - Single-Phase



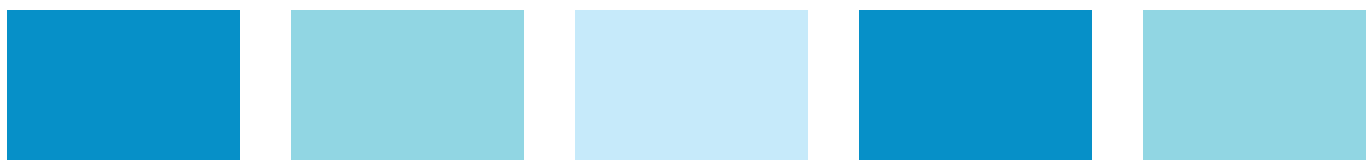
Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9D15AB1X-RM58	CWB	1.2 - 1.8	- HP @ 115 V	Under request	\$ 197
PESWS-B9D15AB1X-RM59	CWB	1.8 - 2.8	- HP @ 115 V	Under request	\$ 197
PESWS-B9D15AB1X-RM60	CWB	2.8 - 4.0	1/8 HP @ 115 V	Under request	\$ 197
PESWS-B9D15AB1X-RM61	CWB	4.0 - 6.3	1/4 HP @ 115 V	Under request	\$ 197
PESWS-B9D15AB1X-RM62	CWB	5.6 - 8.0	1/3 HP @ 115 V	Under request	\$ 197
PESWS-B9D15AB1X-RM63	CWB	7.0 - 10	1/2 HP @ 115 V	Under request	\$ 197
PESWS-B12D15AB1X-RM64	CWB	8.0 - 12.5	1/2 HP @ 115 V	Under request	\$ 203
PESWS-B18D15AB1X-RM65	CWB	10 - 15	3/4 HP @ 115 V	Under request	\$ 210
PESWS-B18D15AB1X-RM66	CWB	11 - 17	1 HP @ 115 V	Under request	\$ 210
PESWS-B25D15AB1X-RM67	CWB	15 - 23	1 1/2 HP @ 115 V	Under request	\$ 218
PESWS-B32D15AB1X-RM68	CWB	22 - 32	2 HP @ 115 V	Under request	\$ 242
PESWS-B38D15AB1X-RM69	CWB	32 - 40	3 HP @ 115 V	Under request	\$ 267

#### 208-240 V Coil - Start + Stop/Reset Pushbuttons + Red Signalling<sup>1)</sup> - Single-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESWS-B9V24AB1X-RM58	CWB	1.2 - 1.8	1/10 @ 230 V	Under request	\$ 197
PESWS-B9V24AB1X-RM59	CWB	1.8 - 2.8	1/6 @ 230 V	Under request	\$ 197
PESWS-B9V24AB1X-RM60	CWB	2.8 - 4.0	1/3 @ 230 V	Under request	\$ 197
PESWS-B9V24AB1X-RM61	CWB	4.0 - 6.3	1/2 @ 230 V	Under request	\$ 197
PESWS-B9V24AB1X-RM62	CWB	5.6 - 8.0	1 @ 230 V	Under request	\$ 197
PESWS-B9V24AB1X-RM63	CWB	7.0 - 10	- @ 230 V	Under request	\$ 197
PESWS-B12V24AB1X-RM64	CWB	8.0 - 12.5	1/2 @ 230 V	Under request	\$ 203
PESWS-B18V24AB1X-RM65	CWB	10 - 15	2 @ 230 V	Under request	\$ 210
PESWS-B18V24AB1X-RM66	CWB	11 - 17	- @ 230 V	Under request	\$ 210
PESWS-B25V24AB1X-RM67	CWB	15 - 23	3 @ 230 V	Under request	\$ 218
PESWS-B32V24AB1X-RM68	CWB	22 - 32	5 @ 230 V	Under request	\$ 242
PESWS-B38V24AB1X-RM69	CWB	32 - 40	7 1/2 @ 230 V	Under request	\$ 267

Note: 1) Signalling supplied with the same voltage as contactor's coil.





# Non-Combination Enclosed Starters

## Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Three-Phase

### 208-240 V Coil - 0-AUTO Functionality - Three-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24IFX-R57	CWB	0.8 - 1.2	1/3 @ 230 V	Under request	\$ 191
PESW-B9V24IFX-R58	CWB	1.2 - 1.8	- @ 230 V	Under request	\$ 191
PESW-B9V24IFX-R59	CWB	1.8 - 2.8	1/2 @ 230 V	Under request	\$ 191
PESW-B9V24IFX-R60	CWB	2.8 - 4.0	3/4 @ 230 V	Under request	\$ 191
PESW-B9V24IFX-R61	CWB	4.0 - 6.3	1 1/2 @ 230 V	Under request	\$ 191
PESW-B9V24IFX-R62	CWB	5.6 - 8.0	2 @ 230 V	Under request	\$ 191
PESW-B12V24IFX-R63	CWB	7.0 - 10	3 @ 230 V	Under request	\$ 191
PESW-B18V24IFX-R64	CWB	8.0 - 12.5	- @ 230 V	Under request	\$ 198
PESW-B18V24IFX-R66	CWB	11 - 17	5 @ 230 V	Under request	\$ 215
PESW-B25V24IFX-R67	CWB	15 - 23	7 1/2 @ 230 V	Under request	\$ 223
PESW-B32V24IFX-R68	CWB	22 - 32	10 @ 230 V	Under request	\$ 256
PESW-B38V24IFX-R69	CWB	32 - 40	- @ 230 V	Under request	\$ 281

### 480 V Coil - 0-AUTO Functionality - Three-Phase

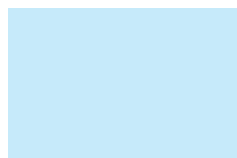


Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D39IFX-R57	CWB	0.8 - 1.2	1/2 @ 460 V	Under request	\$ 191
PESW-B9D39IFX-R58	CWB	1.2 - 1.8	3/4 @ 460 V	Under request	\$ 191
PESW-B9D39IFX-R59	CWB	1.8 - 2.8	1 @ 460 V	Under request	\$ 191
PESW-B9D39IFX-R60	CWB	2.8 - 4.0	2 @ 460 V	Under request	\$ 191
PESW-B9D39IFX-R61	CWB	4.0 - 6.3	3 @ 460 V	Under request	\$ 191
PESW-B9D39IFX-R62	CWB	5.6 - 8.0	5 @ 460 V	Under request	\$ 191
PESW-B12D39IFX-R63	CWB	7.0 - 10	- @ 460 V	Under request	\$ 191
PESW-B18D39IFX-R64	CWB	8.0 - 12.5	7 1/2 @ 460 V	Under request	\$ 198
PESW-B18D39IFX-R66	CWB	11 - 17	10 @ 460 V	Under request	\$ 215
PESW-B25D39IFX-R67	CWB	15 - 23	15 @ 460 V	Under request	\$ 223
PESW-B32D39IFX-R68	CWB	22 - 32	20 @ 460 V	Under request	\$ 256
PESW-B38D39IFX-R69	CWB	32 - 40	25 @ 460 V	Under request	\$ 281

### 208-240 V Coil - Reset Pushbutton + 0-AUTO Functionality - Three-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24EFX-R57	CWB	0.8 - 1.2	1/3 @ 230 V	Under request	\$ 197
PESW-B9V24EFX-R58	CWB	1.2 - 1.8	- @ 230 V	Under request	\$ 197
PESW-B9V24EFX-R59	CWB	1.8 - 2.8	1/2 @ 230 V	Under request	\$ 197
PESW-B9V24EFX-R60	CWB	2.8 - 4.0	3/4 @ 230 V	Under request	\$ 197
PESW-B9V24EFX-R61	CWB	4.0 - 6.3	1 1/2 @ 230 V	Under request	\$ 197
PESW-B9V24EFX-R62	CWB	5.6 - 8.0	2 @ 230 V	Under request	\$ 197
PESW-B12V24EFX-R63	CWB	7.0 - 10	3 @ 230 V	Under request	\$ 197
PESW-B18V24EFX-R64	CWB	8.0 - 12.5	- @ 230 V	Under request	\$ 203
PESW-B18V24EFX-R66	CWB	11 - 17	5 @ 230 V	Under request	\$ 221
PESW-B25V24EFX-R67	CWB	15 - 23	7 1/2 @ 230 V	Under request	\$ 230
PESW-B32V24EFX-R68	CWB	22 - 32	10 @ 230 V	Under request	\$ 263
PESW-B38V24EFX-R69	CWB	32 - 40	- @ 230 V	Under request	\$ 290



## Non-Combination Enclosed Starters

### Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Three-Phase

#### 480 V Coil - Reset Pushbutton + 0-AUTO Functionality - Three-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D39EFX-R57	CWB	0.8 - 1.2	1/2 @ 460 V	Under request	\$ 197
PESW-B9D39EFX-R58	CWB	1.2 - 1.8	3/4 @ 460 V	Under request	\$ 197
PESW-B9D39EFX-R59	CWB	1.8 - 2.8	1 @ 460 V	Under request	\$ 197
PESW-B9D39EFX-R60	CWB	2.8 - 4.0	2 @ 460 V	Under request	\$ 197
PESW-B9D39EFX-R61	CWB	4.0 - 6.3	3 @ 460 V	Under request	\$ 197
PESW-B9D39EFX-R62	CWB	5.6 - 8.0	5 @ 460 V	Under request	\$ 197
PESW-B12D39EFX-R63	CWB	7.0 - 10	- @ 460 V	Under request	\$ 197
PESW-B18D39EFX-R64	CWB	8.0 - 12.5	7 1/2 @ 460 V	Under request	\$ 203
PESW-B18D39EFX-R66	CWB	11 - 17	10 @ 460 V	Under request	\$ 221
PESW-B25D39EFX-R67	CWB	15 - 23	15 @ 460 V	Under request	\$ 230
PESW-B32D39EFX-R68	CWB	22 - 32	20 @ 460 V	Under request	\$ 263
PESW-B38D39EFX-R69	CWB	32 - 40	25 @ 460 V	Under request	\$ 290

#### 208-240 V Coil - HAND-0-AUTO Functionality - Three-Phase

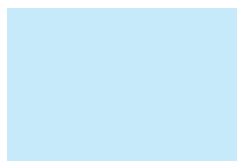


Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24ICX-R57	CWB	0.8 - 1.2	1/3 @ 230 V	Under request	\$ 198
PESW-B9V24ICX-R58	CWB	1.2 - 1.8	- @ 230 V	Under request	\$ 198
PESW-B9V24ICX-R59	CWB	1.8 - 2.8	1/2 @ 230 V	Under request	\$ 198
PESW-B9V24ICX-R60	CWB	2.8 - 4.0	3/4 @ 230 V	Under request	\$ 198
PESW-B9V24ICX-R61	CWB	4.0 - 6.3	1 1/2 @ 230 V	Under request	\$ 198
PESW-B9V24ICX-R62	CWB	5.6 - 8.0	2 @ 230 V	Under request	\$ 198
PESW-B12V24ICX-R63	CWB	7.0 - 10	3 @ 230 V	Under request	\$ 198
PESW-B18V24ICX-R64	CWB	8.0 - 12.5	- @ 230 V	Under request	\$ 205
PESW-B18V24ICX-R66	CWB	11 - 17	5 @ 230 V	Under request	\$ 222
PESW-B25V24ICX-R67	CWB	15 - 23	7 1/2 @ 230 V	Under request	\$ 230
PESW-B32V24ICX-R68	CWB	22 - 32	10 @ 230 V	Under request	\$ 262
PESW-B38V24ICX-R69	CWB	32 - 40	- @ 230 V	Under request	\$ 288

#### 480 V Coil - HAND-0-AUTO Functionality - Three-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D39ICX-R57	CWB	0.8 - 1.2	1/2 @ 460 V	Under request	\$ 198
PESW-B9D39ICX-R58	CWB	1.2 - 1.8	3/4 @ 460 V	Under request	\$ 198
PESW-B9D39ICX-R59	CWB	1.8 - 2.8	1 @ 460 V	Under request	\$ 198
PESW-B9D39ICX-R60	CWB	2.8 - 4.0	2 @ 460 V	Under request	\$ 198
PESW-B9D39ICX-R61	CWB	4.0 - 6.3	3 @ 460 V	Under request	\$ 198
PESW-B9D39ICX-R62	CWB	5.6 - 8.0	5 @ 460 V	Under request	\$ 198
PESW-B12D39ICX-R63	CWB	7.0 - 10	- @ 460 V	Under request	\$ 198
PESW-B18D39ICX-R64	CWB	8.0 - 12.5	7 1/2 @ 460 V	Under request	\$ 205
PESW-B18D39ICX-R66	CWB	11 - 17	10 @ 460 V	Under request	\$ 222
PESW-B25D39ICX-R67	CWB	15 - 23	15 @ 460 V	Under request	\$ 230
PESW-B32D39ICX-R68	CWB	22 - 32	20 @ 460 V	Under request	\$ 262
PESW-B38D39ICX-R69	CWB	32 - 40	25 @ 460 V	Under request	\$ 288



# Non-Combination Enclosed Starters

## Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Three-Phase

### 208-240 V Coil - Reset Pushbutton + HAND-0-AUTO Functionality - Three-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24ECX-R57	CWB	0.8 - 1.2	1/3 @ 230 V	Under request	\$ 204
PESW-B9V24ECX-R58	CWB	1.2 - 1.8	- @ 230 V	Under request	\$ 204
PESW-B9V24ECX-R59	CWB	1.8 - 2.8	1/2 @ 230 V	Under request	\$ 204
PESW-B9V24ECX-R60	CWB	2.8 - 4.0	3/4 @ 230 V	Under request	\$ 204
PESW-B9V24ECX-R61	CWB	4.0 - 6.3	1 1/2 @ 230 V	Under request	\$ 024
PESW-B9V24ECX-R62	CWB	5.6 - 8.0	2 @ 230 V	Under request	\$ 204
PESW-B12V24ECX-R63	CWB	7.0 - 10	3 @ 230 V	Under request	\$ 204
PESW-B18V24ECX-R64	CWB	8.0 - 12.5	- @ 230 V	Under request	\$ 210
PESW-B18V24ECX-R66	CWB	11 - 17	5 @ 230 V	Under request	\$ 228
PESW-B25V24ECX-R67	CWB	15 - 23	7 1/2 @ 230 V	Under request	\$ 237
PESW-B32V24ECX-R68	CWB	22 - 32	10 @ 230 V	Under request	\$ 270
PESW-B38V24ECX-R69	CWB	32 - 40	- @ 230 V	Under request	\$ 297

### 480 V Coil - Reset Pushbutton + HAND-0-AUTO Functionality - Three-Phase

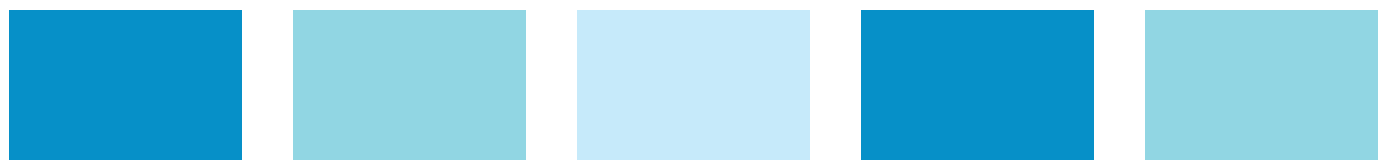


Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D39ECX-R57	CWB	0.8 - 1.2	1/2 @ 460 V	Under request	\$ 204
PESW-B9D39ECX-R58	CWB	1.2 - 1.8	3/4 @ 460 V	Under request	\$ 204
PESW-B9D39ECX-R59	CWB	1.8 - 2.8	1 @ 460 V	Under request	\$ 204
PESW-B9D39ECX-R60	CWB	2.8 - 4.0	2 @ 460 V	Under request	\$ 204
PESW-B9D39ECX-R61	CWB	4.0 - 6.3	3 @ 460 V	Under request	\$ 024
PESW-B9D39ECX-R62	CWB	5.6 - 8.0	5 @ 460 V	Under request	\$ 204
PESW-B12D39ECX-R63	CWB	7.0 - 10	- @ 460 V	Under request	\$ 204
PESW-B18D39ECX-R64	CWB	8.0 - 12.5	7 1/2 @ 460 V	Under request	\$ 210
PESW-B18D39ECX-R66	CWB	11 - 17	10 @ 460 V	Under request	\$ 228
PESW-B25D39ECX-R67	CWB	15 - 23	15 @ 460 V	Under request	\$ 237
PESW-B32D39ECX-R68	CWB	22 - 32	20 @ 460 V	Under request	\$ 270
PESW-B38D39ECX-R69	CWB	32 - 40	25 @ 460 V	Under request	\$ 297

### 208-240 V Coil - Start + Stop/Reset Pushbuttons + HAND-0-AUTO Additional Functionality - Three-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24ACX-R57	CWB	0.8 - 1.2	1/3 @ 230 V	Under request	\$ 209
PESW-B9V24ACX-R58	CWB	1.2 - 1.8	- @ 230 V	Under request	\$ 209
PESW-B9V24ACX-R59	CWB	1.8 - 2.8	1/2 @ 230 V	Under request	\$ 209
PESW-B9V24ACX-R60	CWB	2.8 - 4.0	3/4 @ 230 V	Under request	\$ 209
PESW-B9V24ACX-R61	CWB	4.0 - 6.3	1 1/2 @ 230 V	Under request	\$ 209
PESW-B9V24ACX-R62	CWB	5.6 - 8.0	2 @ 230 V	Under request	\$ 209
PESW-B12V24ACX-R63	CWB	7.0 - 10	3 @ 230 V	Under request	\$ 209
PESW-B18V24ACX-R64	CWB	8.0 - 12.5	- @ 230 V	Under request	\$ 216
PESW-B18V24ACX-R66	CWB	11 - 17	5 @ 230 V	Under request	\$ 234
PESW-B25V24ACX-R67	CWB	15 - 23	7 1/2 @ 230 V	Under request	\$ 243
PESW-B32V24ACX-R68	CWB	22 - 32	10 @ 230 V	Under request	\$ 278
PESW-B38V24ACX-R69	CWB	32 - 40	- @ 230 V	Under request	\$ 305



## Non-Combination Enclosed Starters

### Plastic Enclosed Starters PESW-B Series + Base Mounting Accessory - Type 4X - Three-Phase

#### 480 V Coil - Start + Stop/Reset Pushbuttons + HAND-0-AUTO Additional Functionality - Three-Phase



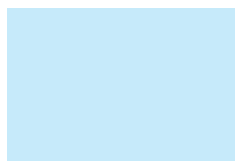
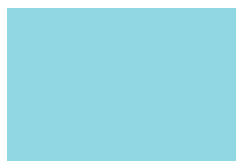
Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9D39ACX-R57	CWB	0.8 - 1.2	1/2 @ 460 V	Under request	\$ 209
PESW-B9D39ACX-R58	CWB	1.2 - 1.8	3/4 @ 460 V	Under request	\$ 209
PESW-B9D39ACX-R59	CWB	1.8 - 2.8	1 @ 460 V	Under request	\$ 209
PESW-B9D39ACX-R60	CWB	2.8 - 4.0	2 @ 460 V	Under request	\$ 209
PESW-B9D39ACX-R61	CWB	4.0 - 6.3	3 @ 460 V	Under request	\$ 209
PESW-B9D39ACX-R62	CWB	5.6 - 8.0	5 @ 460 V	Under request	\$ 209
PESW-B12D39ACX-R63	CWB	7.0 - 10	- @ 460 V	Under request	\$ 209
PESW-B18D39ACX-R64	CWB	8.0 - 12.5	7 1/2 @ 460 V	Under request	\$ 216
PESW-B18D39ACX-R66	CWB	11 - 17	10 @ 460 V	Under request	\$ 234
PESW-B25D39ACX-R67	CWB	15 - 23	15 @ 460 V	Under request	\$ 243
PESW-B32D39ACX-R68	CWB	22 - 32	20 @ 460 V	Under request	\$ 305
PESW-B38D39ACX-R69	CWB	32 - 40	25 @ 460 V	Under request	\$ 278

#### 208-240 V Coil - Start + Stop/Reset Pushbuttons + Red Signalling<sup>1)</sup> - Three-Phase



Part Number	Assembled with contactor line	Current range (A)	Horse power rating	Material Number	List price each
PESW-B9V24AB1X-R57	CWB	0.8 - 1.2	1/3 @ 230 V	Under request	\$ 208
PESW-B9V24AB1X-R58	CWB	1.2 - 1.8	- @ 230 V	Under request	\$ 208
PESW-B9V24AB1X-R59	CWB	1.8 - 2.8	1/2 @ 230 V	Under request	\$ 208
PESW-B9V24AB1X-R60	CWB	2.8 - 4.0	3/4 @ 230 V	Under request	\$ 208
PESW-B9V24AB1X-R61	CWB	4.0 - 6.3	1 1/2 @ 230 V	Under request	\$ 208
PESW-B9V24AB1X-R62	CWB	5.6 - 8.0	2 @ 230 V	Under request	\$ 208
PESW-B12V24AB1X-R63	CWB	7.0 - 10	3 @ 230 V	Under request	\$ 208
PESW-B18V24AB1X-R64	CWB	8.0 - 12.5	- @ 230 V	Under request	\$ 215
PESW-B18V24AB1X-R66	CWB	11 - 17	5 @ 230 V	Under request	\$ 233
PESW-B25V24AB1X-R67	CWB	15 - 23	7 1/2 @ 230 V	Under request	\$ 243
PESW-B32V24AB1X-R68	CWB	22 - 32	10 @ 230 V	Under request	\$ 277
PESW-B38V24AB1X-R69	CWB	32 - 40	- @ 230 V	Under request	\$ 303

Note: 1) Signalling supplied with the same voltage as contactor's coil.



# Combination Enclosed Starters

## Combination Enclosed Starters Type E ESWE Series - NEMA 4X (Plastic Enclosure)



### 120 V Coil<sup>1)</sup> with Rotary Handle + H-O-A Selector Switch + Start-Stop Pushbuttons

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESWE-B9D15KX-D05	0.63...1	- / 0.5 / 0.5 HP @ 230/460/600 V	11135976	\$ 1,215
ESWE-B9D15KX-D06	1...1.6	0.75 / 0.75 / 1 HP @ 230/460/600 V	11135977	\$ 1,215
ESWE-B9D15KX-D07	1.6...2.5	0.5 / 1.5 / 1.5 HP @ 230/460/600 V	11136058	\$ 1,215
ESWE-B9D15KX-D08	2.5...4	1 / 2 / 3 HP @ 230/460/600 V	11136059	\$ 1,215
ESWE-B9D15KX-D09	4...6.3	1.5 / 3 / 5 HP @ 230/460/600 V	11136060	\$ 1,215
ESWE-B9D15KX-D10	6.3...10	3 / 5 / 7.5 HP @ 230/460/600 V 3ph or 0.5 HP @ 115 V 1ph	11136061	\$ 1,226
ESWE-B18D15KX-D11	10...16	5 / 10 / 15 HP @ 230/460/600 V 3ph or 1 HP @ 115 V 1ph	11136062	\$ 1,232
ESWE-B25D15KX-D12	16...20	7.5 / 15 / 15 HP @ 230/460/600 V 3ph or 1.5 HP @ 115 V 1ph	11136063	\$ 1,274
ESWE-B32D15KX-D13	20...25	7.5 / 15 / 20 HP @ 230/460/600 V 3ph or 2 HP @ 115 V 1ph	11136064	\$ 1,324
ESWE-B38D15KX-D14	25...32	10 / 20 / 25 HP @ 230/460/600 V	11136065	\$ 1,395

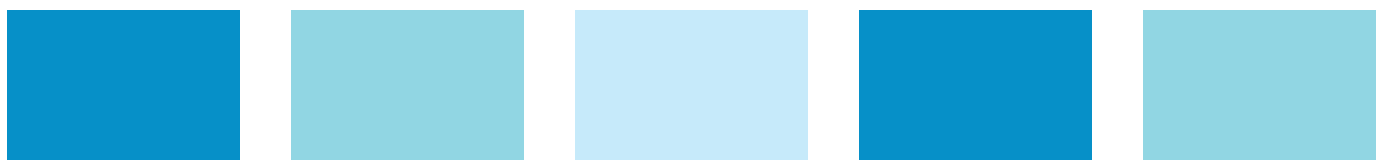
### 208-240 V Coil<sup>1)</sup> with Rotary Handle + H-O-A Selector Switch + Start-Stop Pushbuttons

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESWE-B9V24KX-D06	1...1.6	1/3 HP @ 230 V	11136066	\$ 1,215
ESWE-B9V24KX-D07	1.6...2.5	1/2 HP @ 230 V	11136067	\$ 1,215
ESWE-B9V24KX-D08	2.5...4	1 HP @ 230 V	11136078	\$ 1,215
ESWE-B9V24KX-D09	4...6.3	1.1/2 HP @ 230 V 3ph or 3/4 HP @ 230 V 1ph	11136079	\$ 1,215
ESWE-B9V24KX-D10	6.3...10	3 HP @ 230 V 3ph or 1.1/2 HP @ 230 V 1ph	11136081	\$ 1,226
ESWE-B18V24KX-D11	10...16	5 HP @ 230 V	11136082	\$ 1,232
ESWE-B25V24KX-D12	16...20	7.1/2 HP @ 230 V 3ph or 3 HP @ 230 V 1ph	11136083	\$ 1,274
ESWE-B32V24KX-D13	20...25	7.1/2 HP @ 230 V	11136084	\$ 1,324
ESWE-B38V24KX-D14	25...32	10 HP @ 230 V 3ph or 5 HP @ 230 V 1ph	11136085	\$ 1,395

### 480 V Coil with Rotary Handle + H-O-A Selector Switch + Start-Stop Pushbuttons

Part Number	Current range (A)	Horse power rating	Material Number	List price each
ESWE-B9D39KX-D05	0.63...1	1/2 HP @ 460 V	11136086	\$ 1,215
ESWE-B9D39KX-D06	1...1.6	3/4 HP @ 460 V	11136087	\$ 1,215
ESWE-B9D39KX-D07	1.6...2.5	1.1/2 HP @ 460 V	11136098	\$ 1,215
ESWE-B9D39KX-D08	2.5...4	2 HP @ 460 V	11136099	\$ 1,215
ESWE-B9D39KX-D09	4...6.3	3 HP @ 460 V	11136100	\$ 1,215
ESWE-B9D39KX-D10	6.3...10	5 HP @ 460 V	11136101	\$ 1,226
ESWE-B18D39KX-D11	10...16	10 HP @ 460 V	11136102	\$ 1,232
ESWE-B25D39KX-D12	16...20	15 HP @ 460 V	11136103	\$ 1,274
ESWE-B32D39KX-D13	20...25	15 HP @ 460 V	11136105	\$ 1,324
ESWE-B38D39KX-D14	25...32	20 HP @ 460V	11136106	\$ 1,395

Note: 1) Starters with 120 V coil are for single-phase only or for using with control transformer.



## UL Empty Boxes

### UL Empty Boxes - NEMA 1 (Metallic Enclosure)

Part Number	Box size	Description	Material Number	List price each
ESW_B04-IP52	4	Without integrated pushbuttons with RESET button	11446939	\$ 193
ESW06 IP52	6	Without integrated pushbuttons with RESET button	11446968	\$ 255
ESW08 IP52	8	Without integrated pushbuttons with RESET button	11446940	\$ 577

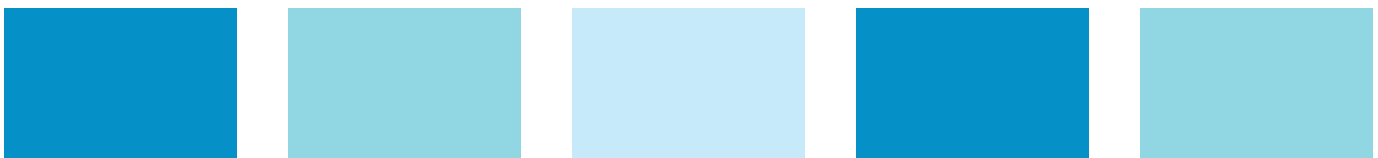
### UL Empty Boxes - NEMA 4X (Plastic Enclosure)

#### Box with Back Plate for Starters

Part Number	Box size	Description	Material Number	List price each
EB04I-TYPE4X	4	Without integrated pushbuttons - For use with CWM9...25	13578324	\$ 70
EB04E-TYPE4X	4	Without integrated pushbuttons with STOP/RESET button - For use with CWM9...25	13578319	\$ 70
EB04A-TYPE4X	4	With START + STOP/RESET - For use with CWM9...25	10187700	\$ 70
EB05I-TYPE4X	5	Without integrated pushbuttons - For use with CWB9...38	13578326	\$ 63
EB05E-TYPE4X	5	Without integrated pushbuttons with STOP/RESET button - For use with CWB9...38	13578325	\$ 63
EB05A-TYPE4X	5	With START + STOP/RESET - For use with CWB9...38	13201344	\$ 63
EB06AI-TYPE4X	6	Without integrated pushbuttons - For use with CWM32/40+RW27-1D	13578350	\$ 78
EB06AE-TYPE4X	6	Without integrated pushbuttons with STOP/RESET button - For use with CWM32/40+RW27-1D	13578349	\$ 78
EB06AA-TYPE4X	6	With START + STOP/RESET - For use with CWM32/40+RW27-1D	10187696	\$ 78
EB06BI-TYPE4X	6	Without integrated pushbuttons - For use with CWM32/40+RW67-1D	13578352	\$ 78
EB06BE-TYPE4X	6	Without integrated pushbuttons with STOP/RESET button - For use with CWM32/40+RW67-1D	13578351	\$ 78
EB06BA-TYPE4X	6	With START + STOP/RESET - For use with CWM32/40+RW67-1D	10187698	\$ 78
EB08I-TYPE4X	8	Without integrated pushbuttons	10261806	\$ 227
EB08L-TYPE4X	8	With START/STOP integrated pushbuttons	11731491	\$ 243
EB08E-TYPE4X	8	Without integrated pushbuttons with RESET button	11319533	\$ 234
EB08A-TYPE4X	8	With START/STOP + RESET integrated pushbuttons	11319529	\$ 250
EB10I-TYPE4X	10	Without integrated pushbuttons	11319534	\$ 370
EB10L-TYPE4X	10	With START/STOP integrated pushbuttons	11731492	\$ 386
EB10E-TYPE4X	10	Without integrated pushbuttons with RESET button	13578354	\$ 378
EB10A-TYPE4X	10	With START/STOP + RESET integrated pushbuttons	10726107	\$ 394

### Mechanical Adapter for PESW/PESWS-B Enclosed Starters - Size 05

Part Number	Description	Material Number	List price each
BBA05	Plastic Mechanical adapter for using with CSW line + PESW/PESWS-B (Enclosure size 05 - CWB9...38 contactors)	14047994	\$10



## Multifunction Electronic Timing Relays



Function	Aux. contact	Rated voltage (V)	Time range	Part Number	Material Number	List price each
On-delay (A) Off-delay with control signal (Ba) On- and Off-delay with control signal (Ca) Symmetrical flasher, starts with pulse on (Da) Symmetrical flasher, starts with pulse off (Db) Interval (E) Retriggerable interval with control signal off (Fa) Star-Delta (G)	2NOC	24-240 V 50/60 Hz 24-240 V dc	0.1s...10 d	ERWT-MF1-02MT1E05	11593741	\$ 219
ON and OFF delay with control signal (Cb) Asymmetrical flasher, starts with pulse OFF (Dd) Percentage flasher, starts with pulse OFF (Df) Delayed adjustable-length pulse (Ia) Asymmetrical flasher, starts with pulse ON (Dc) Percentage flasher, starts with pulse ON (De) Flasher to reversing motor (Dg) Bistable (J)	2NOC	24-240 V 50/60 Hz 24-240 V dc	0.1s...10 d	ERWT-MF2-02MT1E05	12074471	\$ 219

## Multifunction Three-Phase Monitoring Relays



Function	Aux. contact	Rated voltage (V)	Time range	Part Number	Material Number	List price each
Phase loss (PF) Overvoltage (>Un) Unbalance (Asy) Phase Sequence (PS) Undervoltage (<Un) Neutral detection (ND)	1NOC	208-480 V 50/60 Hz	0(OFF)...30s	ERWM-VM1-01D90	12337266	\$ 312
Phase loss (PF) Overvoltage (>Un) Unbalance (Asy) Undervoltage (<Un) Neutral detection (ND)	1NOC	208-480 V 50/60 Hz	0(OFF)...30s	ERWM-VM2-01D90	12074470	\$ 312

## Electronic Timing Relays (17.5 mm Wide)



### RTW17 A - On Delay

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-A01MATE05	1NOC	0,1s...10 d	24-240 V dc/dc 50/60 Hz	13960960	\$ 126
RTW17-A02MATE05	2NOC			13960982	\$ 135

### RTW17 E - Impulse-on

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-E01MATE05	1NOC	0,1s...10 d	24-240 V dc/dc 50/60 Hz	13960837	\$ 126
RTW17-E02MATE05	2NOC			13960877	\$ 135

### RTW17 G - Star-Delta

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-G02MATE05	2NOC	0,1s...10 d	24-240 V dc/dc 50/60 Hz	13960131	\$ 135

### RTW17 Ba - Off-Delay

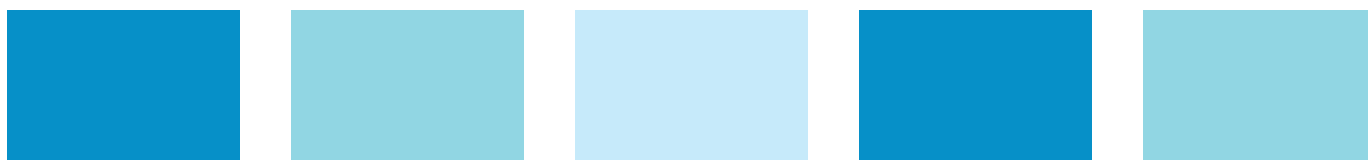
Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Ba01MATE05	1NOC	0,1s...10 d	24-240 V dc/dc 50/60 Hz	13960918	\$ 126
RTW17-Ba02MATE05	2NOC			13960938	\$ 135

### RTW17 Da - Symmetric Flasher - Start On

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Da01MATE05	1NOC	0,1s...10 d	24-240 V dc/dc 50/60 Hz	13960776	\$ 126
RTW17-Da02MATE05	2NOC			13960806	\$ 135

### RTW17 Db - Symmetric Flasher - Start Off

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Db01MATE05	1NOC	0,1s...10 d	24-240 V dc/dc 50/60 Hz	13960704	\$ 126
RTW17-Db02MATE05	2NOC			13960736	\$ 135





## Electronic Timing Relays (17.5 mm Wide)

### RTW17 Da - Symmetric Flasher - Start On

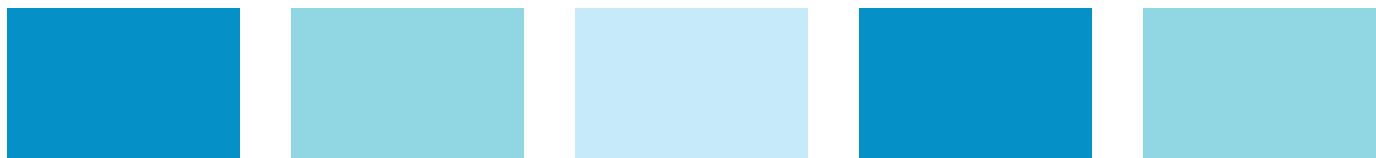
Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Da01U003SE05	1NOC	0,3s...3s	24-240 V ac/ca dc/dc 50/60 Hz	13960798	\$ 105
RTW17-Da01U010SE05		1s...10s		13960799	\$ 105
RTW17-Da01U030SE05		3s...30s		13960802	\$ 105
RTW17-Da01U060SE05		6s...60s		13960803	\$ 105
RTW17-Da01U100SE05		10s...100s		13960804	\$ 105
RTW17-Da01U300SE05		30s...300s		13960805	\$ 105
RTW17-Da01U030ME05		3min...30min		13960800	\$ 105
RTW17-Da02U003SE05	2NOC	0,3s...3s		13960829	\$ 118
RTW17-Da02U010SE05		1s...10s		13960830	\$ 118
RTW17-Da02U030SE05		3s...30s		13960833	\$ 118
RTW17-Da02U060SE05		6s...60s		13960834	\$ 118
RTW17-Da02U100SE05		10s...100s		13960835	\$ 118
RTW17-Da02U300SE05		30s...300s		13960836	\$ 118
RTW17-Da02U030ME05		3min...30min		13960832	\$ 118

### RTW17 Db - Symmetric Flasher - Start Off

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Db01U003SE05	1NOC	0,3s...3s	24-240 V ac/ca dc/dc 50/60 Hz	13960706	\$ 105
RTW17-Db01U010SE05		1s...10s		13960728	\$ 105
RTW17-Db01U030SE05		3s...30s		13960731	\$ 105
RTW17-Db01U060SE05		6s...60s		13960732	\$ 105
RTW17-Db01U100SE05		10s...100s		13960733	\$ 105
RTW17-Db01U300SE05		30s...300s		13960735	\$ 105
RTW17-Db01U030ME05		3min...30min		13960729	\$ 105
RTW17-Db02U003SE05	2NOC	0,3s...3s		13960769	\$ 118
RTW17-Db02U010SE05		1s...10s		13960770	\$ 118
RTW17-Db02U030SE05		3s...30s		13960772	\$ 118
RTW17-Db02U060SE05		6s...60s		13960773	\$ 118
RTW17-Db02U100SE05		10s...100s		13960774	\$ 118
RTW17-Db02U300SE05		30s...300s		13960775	\$ 118
RTW17-Db02U030ME05		3min...30min		13960771	\$ 118

### RTW17 Dc - Asymmetric Flasher - Start On

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Dc01U003SE05	1NOC	0.3s...3s	24-240 V dc/dc 50/60 Hz	13960024	\$ 105
RTW17-Dc01U010SE05		1s...10s		13960025	\$ 105
RTW17-Dc01U030SE05		3s...30s		13960088	\$ 105
RTW17-Dc01U060SE05		6s...60s		13960089	\$ 105
RTW17-Dc01U100SE05		10s...100s		13960090	\$ 105
RTW17-Dc01U300SE05		30s...300s		13960091	\$ 105
RTW17-Dc01U030ME05		3min...30min		13960027	\$ 105
RTW17-Dc02U003SE05	2NOC	0.3s...3s		13960092	\$ 118
RTW17-Dc02U010SE05		1s...10s		13960093	\$ 118
RTW17-Dc02U030SE05		3s...30s		13960023	\$ 118
RTW17-Dc02U060SE05		6s...60s		13960022	\$ 118
RTW17-Dc02U100SE05		10s...100s		13960021	\$ 118
RTW17-Dc02U300SE05		30s...300s		13960020	\$ 118
RTW17-Dc02U030ME05		3min...30min		13960094	\$ 118



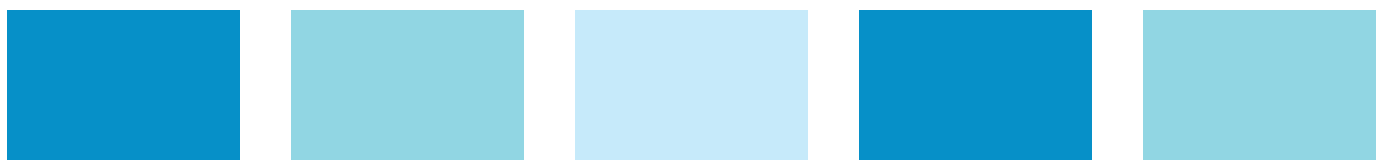
## Electronic Timing Relays (17.5 mm Wide)

### RTW17 Dd - Asymmetric Flasher - Start Off

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Dd01U003SE05	1NOC	0,3s...3s	24-240 V dc/dc 50/60 Hz	13960096	\$ 105
RTW17-Dd01U010SE05		1s...10s		13960097	\$ 105
RTW17-Dd01U030SE05		3s...30s		13960109	\$ 105
RTW17-Dd01U060SE05		6s...60s		13960110	\$ 105
RTW17-Dd01U100SE05		10s...100s		13960111	\$ 105
RTW17-Dd01U300SE05		30s...300s		13960112	\$ 105
RTW17-Dd01U030ME05		3min...30min		13960108	\$ 105
RTW17-Dd02U003SE05	2NOC	0,3s...3s		13960113	\$ 118
RTW17-Dd02U010SE05		1s...10s		13960114	\$ 118
RTW17-Dd02U030SE05		3s...30s		13960116	\$ 118
RTW17-Dd02U060SE05		6s...60s		13960117	\$ 118
RTW17-Dd02U100SE05		10s...100s		13960128	\$ 118
RTW17-Dd02U300SE05		30s...300s		13960130	\$ 118
RTW17-Dd02U030ME05		3min...30min		13960115	\$ 118

### RTW17 Ba - Off-Delay

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-Ba01U003SE05	1NOC	0,3s...3s	24-240 V ac/ca dc/dc 50/60 Hz	13960921	\$ 105
RTW17-Ba01U010SE05		1s...10s		13960922	\$ 105
RTW17-Ba01U030SE05		3s...30s		13960924	\$ 105
RTW17-Ba01U060SE05		6s...60s		13960925	\$ 105
RTW17-Ba01U100SE05		10s...100s		13960926	\$ 105
RTW17-Ba01U300SE05		30s...300s		13960927	\$ 105
RTW17-Ba01U030ME05		3min...30min		13960923	\$ 105
RTW17-Ba02U003SE05	2NOC	0,3s...3s		13960941	\$ 132
RTW17-Ba02U010SE05		1s...10s		13960943	\$ 132
RTW17-Ba02U030SE05		3s...30s		13960946	\$ 132
RTW17-Ba02U060SE05		6s...60s		13960947	\$ 132
RTW17-Ba02U100SE05		10s...100s		13960958	\$ 132
RTW17-Ba02U300SE05		30s...300s		13960959	\$ 132
RTW17-Ba02U030ME05		3min...30min		13960945	\$ 132

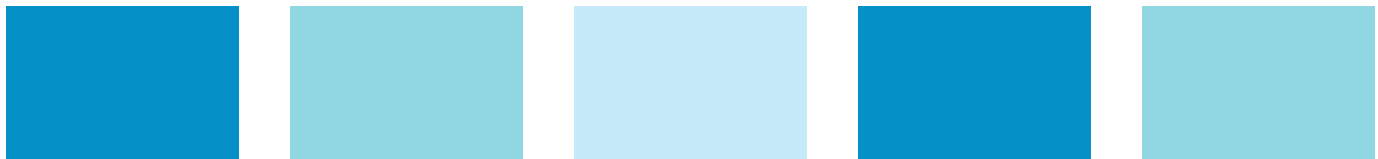


# Electronic Timing Relays (17.5 mm Wide) - Single Timing



## RTW17-A On Delay

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-A01U003SE05	1NOC	0,3s...3s	24-240 V dc/dc 50/60 Hz	13960963	\$ 105
RTW17-A01U010SE05		1s...10s		13960964	\$ 105
RTW17-A01U030SE05		3s...30s		13960967	\$ 105
RTW17-A01U060SE05		6s...60s		13960978	\$ 105
RTW17-A01U100SE05		10s...100s		13960979	\$ 105
RTW17-A01U300SE05		30s...300s		13960981	\$ 105
RTW17-A01U030ME05		3min...30min		13960966	\$ 105
RTW17-A02U003SE05	2NOC	0,3s...3s		13960984	\$ 118
RTW17-A02U010SE05		1s...10s		13960985	\$ 118
RTW17-A02U030SE05		3s...30s		13960987	\$ 118
RTW17-A02U060SE05		6s...60s		13960998	\$ 118
RTW17-A02U100SE05		10s...100s		13960999	\$ 118
RTW17-A02U300SE05		30s...300s	13961000	\$ 118	
RTW17-A02U030ME05		3min...30min	13960986	\$ 118	
RTW17-A01U003SD90	1NOC	0,3s...3s	208-480 V 50/60 Hz	13960477	\$ 105
RTW17-A01U010SD90		1s...10s		13960599	\$ 105
RTW17-A01U030SD90		3s...30s		13960602	\$ 105
RTW17-A01U060SD90		6s...60s		13960603	\$ 105
RTW17-A01U100SD90		10s...100s		13960605	\$ 105
RTW17-A01U300SD90		30s...300s		13960606	\$ 105
RTW17-A01U030MD90		3min...30min		13960601	\$ 105
RTW17-A02U003SD90	2NOC	0,3s...3s		13960658	\$ 118
RTW17-A02U010SD90		1s...10s		13960625	\$ 118
RTW17-A02U030SD90		3s...30s		13960627	\$ 118
RTW17-A02U060SD90		6s...60s		13960698	\$ 118
RTW17-A02U100SD90		10s...100s		13960702	\$ 118
RTW17-A02U300SD90		30s...300s	13960703	\$ 118	
RTW17-A02U030MD90		3min...30min	13960626	\$ 118	



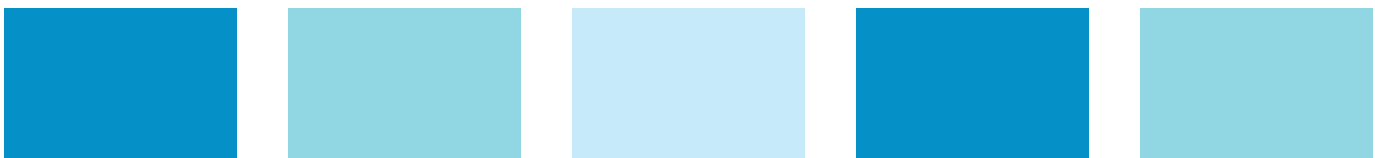
## Electronic Timing Relays (17.5 mm Wide) - Single Timing

### RTW17-E Impluse On

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each	
RTW17-E01U003SE05	1NOC	0,3s...3s	24-240 V dc/dc 50/60 Hz	13960869	\$ 105	
RTW17-E01U010SE05		1s...10s		13960870	\$ 105	
RTW17-E01U030SE05		3s...30s		13960872	\$ 105	
RTW17-E01U060SE05		6s...60s		13960874	\$ 105	
RTW17-E01U100SE05		10s...100s		13960875	\$ 105	
RTW17-E01U300SE05		30s...300s		13960876	\$ 105	
RTW17-E01U030ME05		3min...30min		13960871	\$ 105	
RTW17-E02U003SE05	2NOC	0,3s...3s		208-480 V 50/60 Hz	13960890	\$ 118
RTW17-E02U010SE05		1s...10s			13960891	\$ 118
RTW17-E02U030SE05		3s...30s			13960894	\$ 118
RTW17-E02U060SE05		6s...60s			13960895	\$ 118
RTW17-E02U100SE05		10s...100s			13960896	\$ 118
RTW17-E02U300SE05		30s...300s			13960897	\$ 118
RTW17-E02U030ME05		3min...30min			13960892	\$ 118
RTW17-E01U003SD90	1NOC	0,3s...3s	208-480 V 50/60 Hz		13960257	\$ 105
RTW17-E01U010SD90		1s...10s			13960448	\$ 105
RTW17-E01U030SD90		3s...30s			13960450	\$ 105
RTW17-E01U060SD90		6s...60s			13960451	\$ 105
RTW17-E01U100SD90		10s...100s			13960454	\$ 105
RTW17-E01U300SD90		30s...300s			13960455	\$ 105
RTW17-E01U030MD90		3min...30min			13960449	\$ 105
RTW17-E02U003SD90	2NOC	0,3s...3s		208-480 V 50/60 Hz	13960457	\$ 118
RTW17-E02U010SD90		1s...10s			13960468	\$ 118
RTW17-E02U030SD90		3s...30s			13960470	\$ 118
RTW17-E02U060SD90		6s...60s			13960471	\$ 118
RTW17-E02U100SD90		10s...100s			13960472	\$ 118
RTW17-E02U300SD90		30s...300s			13960473	\$ 118
RTW17-E02U030MD90		3min...30min			13960469	\$ 118

### RTW17-G Star-Delta

Part Number	Aux. contact	Time range	Voltage (V)	Material Number	List price each
RTW17-G02U030SE05	2NOC	3s...30s	24-240 V dc/dc 50/60 Hz	13960132	\$ 105
RTW17-G02U030SD90			208-480 V 50/60 Hz	13960256	\$ 142



# Timing Relays & Protection Relays

## Timing Relays RTW Series

### RTW RE - On Delay

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-RE01-MAT-E05	0.1s...10min	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10753278	\$ 126
RTW-RE01-MBT-E05	0.2s...150h			10753335	\$ 126
RTW-RE02-MAT-E05	0.1s...10min		2C0	10753285	\$ 135
RTW-RE02-MBT-E05	0.2s...150h			10753337	\$ 135

### RTW PE - Impulse-On

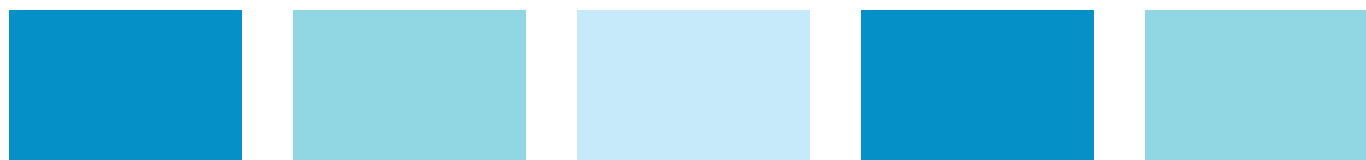
Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-PE01-MAT-E05	0.1s...10min	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10753298	\$ 126
RTW-PE01-MBT-E05	0.2s...150h			10753358	\$ 126
RTW-PE02-MAT-E05	0.1s...10min		2C0	10753300	\$ 135
RTW-PE02-MBT-E05	0.2s...150h			10753359	\$ 135

### RTW CI - Flasher (2 Dials, Starting AT On)

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-CI01-U003SE05	0.3s...3s	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10118415	\$ 126
RTW-CI01-U010SE05	1s...10s			10118416	\$ 126
RTW-CI01-U030SE05	3s...30s			10118417	\$ 126
RTW-CI01-U060SE05	6s...60s			10118418	\$ 126
RTW-CI01-U100SE05	10s...100s			10118419	\$ 126
RTW-CI01-U300SE05	30s...300s			10118420	\$ 126
RTW-CI01-U030ME05	3min...30min			10118421	\$ 126
RTW-CI02-U003SE05	0.3s...3s			2C0	10118422
RTW-CI02-U010SE05	1s...10s		10118423		\$ 135
RTW-CI02-U030SE05	3s...30s		10118424		\$ 135
RTW-CI02-U060SE05	6s...60s		10117808		\$ 135
RTW-CI02-U100SE05	10s...100s		10117809		\$ 135
RTW-CI02-U300SE05	30s...300s		10117810		\$ 135
RTW-CI02-U030ME05	3min...30min		10117811		\$ 135

### RTW-CIR - Flasher (2 Dials, Starting AT Off)

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-CIR01-U003SE05	0.3s...3s	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10117826	\$ 126
RTW-CIR01-U010SE05	1s...10s			10117827	\$ 126
RTW-CIR01-U030SE05	3s...30s			10117828	\$ 126
RTW-CIR01-U060SE05	6s...60s			10117829	\$ 126
RTW-CIR01-U100SE05	10s...100s			10117830	\$ 126
RTW-CIR01-U300SE05	30s...300s			10117831	\$ 126
RTW-CIR01-U030ME05	3min...30min			10117832	\$ 126
RTW-CIR02-U003SE05	0.3s...3s			2C0	10117833
RTW-CIR02-U010SE05	1s...10s		10117834		\$ 135
RTW-CIR02-U030SE05	3s...30s		10117835		\$ 135
RTW-CIR02-U060SE05	6s...60s		10117836		\$ 135
RTW-CIR02-U100SE05	10s...100s		10117837		\$ 135
RTW-CIR02-U300SE05	30s...300s		10117838		\$ 135
RTW-CIR02-U030ME05	3min...30min		10117839		\$ 135



# Timing Relays & Protection Relays

## Timing Relays RTW Series

### RTW-CIL - Flasher (1 Dial, Starting AT On)

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-CIL01-MAT-E05	0.1s...10min	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10753331	\$ 126
RTW-CIL01-MBT-E05	0.2s...150h			10753364	\$ 126
RTW-CIL02-MAT-E05	0.1s...10min		2C0	10753332	\$ 135
RTW-CIL02-MBT-E05	0.2s...150h			10753366	\$ 135

### RTW-CID - Flasher (1 Dial, Starting AT Off)

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-CID01-MAT-E05	0.1s...10min	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10753328	\$ 126
RTW-CID01-MBT-E05	0.2s...150h			10753361	\$ 126
RTW-CID02-MAT-E05	0.1s...10min		2C0	10753329	\$ 135
RTW-CID02-MBT-E05	0.2s...150h			10753363	\$ 135

### RTW RD - Off Delay

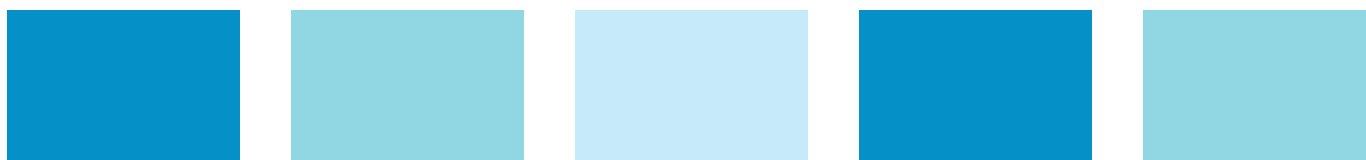
Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-RD01-MAT-E05	0.1s...10min	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10753333	\$ 126
RTW-RD01-MBT-E05	0.2s...150h			10753388	\$ 126
RTW-RD02-MAT-E05	0.1s...10min		2C0	10753334	\$ 135
RTW-RD02-MBT-E05	0.2s...150h			10753396	\$ 135

### RTW RDI - Off Delay (No Control Command)

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-RDI01-U003SE05	0.3s...3s	24-240 V ca 50/60 Hz 24-240 V dc	1C0	10666337	\$ 126
RTW-RDI01-U010SE05	1s...10s			10666358	\$ 126
RTW-RDI01-U030SE05	3s...30s			10075553	\$ 126
RTW-RDI01-U060SE05	6s...60s			10666359	\$ 126
RTW-RDI01-U100SE05	10s...100s			10666361	\$ 126
RTW-RDI01-U300SE05	30s...300s			10666362	\$ 126
RTW-RDI01-U010ME05	60s...600s			10666365	\$ 126
RTW-RDI02-U003SE05	0.3s...3s			2C0	10075554
RTW-RDI02-U010SE05	1s...10s		10075555		\$ 135
RTW-RDI02-U030SE05	3s...30s		10075556		\$ 135
RTW-RDI02-U060SE05	6s...60s		10075557		\$ 135
RTW-RDI02-U100SE05	10s...100s		10075558		\$ 135
RTW-RDI02-U300SE05	30s...300s		10075559		\$ 135
RTW-RDI02-U010ME05	60s...600s		10075560		\$ 135

### RTW ET - Star Delta

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-ET02-MATE05	0.1s...10min	24-240 V ca 50/60 Hz 24-240 V dc	2C0	10753244	\$ 135



# Timing Relays & Protection Relays

## Timing Relays RTW Series - Single Timing

### RTW RE - On Delay

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-RE01-U030SE26	3s...30s	24 V ac 50/60 Hz 24 V dc	1C0	10047116	\$ 105
RTW-RE01-U060SE26	6s...60s			10075134	\$ 105
RTW-RE01-U300SE26	30s...300s			10186733	\$ 105
RTW-RE01-U030SE37	3s...30s	110-130 V ac 50/60 Hz 24 V dc		10452215	\$ 105
RTW-RE01-U060SE37	6s...60s			10046611	\$ 105
RTW-RE01-U300SE37	30s...300s			10046613	\$ 105
RTW-RE01-U030SE40	3s...30s	220-240 V ac 50/60 Hz 24 V dc		10046610	\$ 105
RTW-RE01-U060SE40	6s...60s			10354331	\$ 105
RTW-RE01-U300SE40	30s...300s			10561995	\$ 105
RTW-RE01-U030SD71	3s...30s	380-440 V ac 50/60 Hz		10261478	\$ 105
RTW-RE01-U060SD71	6s...60s			10667359	\$ 105
RTW-RE01-U300SD71	30s...300s			10667361	\$ 105

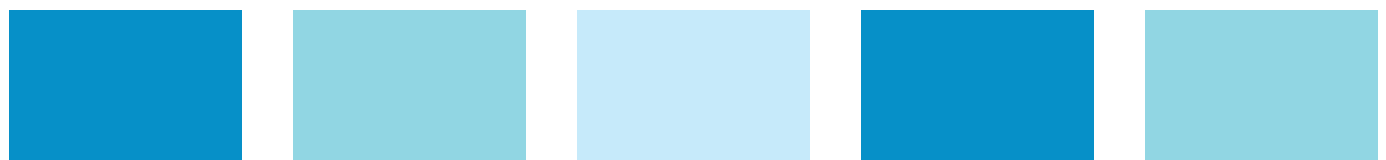
### RTW RD - Off Delay

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-RD01-U030SD02	3s...30s	24 V ac 50/60 Hz	1C0	10666274	\$ 104
RTW-RD01-U060SD02	6s...60s			10666275	\$ 104
RTW-RD01-U300SD02	30s...300s			10075145	\$ 104
RTW-RD01-U030SD61	3s...30s	110-130 V ac 50/60 Hz		10046619	\$ 104
RTW-RD01-U060SD61	6s...60s			10046621	\$ 104
RTW-RD01-U300SD61	30s...300s			10046624	\$ 104
RTW-RD01-U030SD66	3s...30s	220-240 V ac 50/60 Hz		10046620	\$ 104
RTW-RD01-U060SD66	6s...60s			10046622	\$ 104
RTW-RD01-U300SD66	30s...300s			10046625	\$ 104
RTW-RD01-U030SC03	3s...30s	24 V dc		10186469	\$ 104
RTW-RD01-U060SC03	6s...60s			10073657	\$ 104
RTW-RD01-U300SC03	30s...300s			10046628	\$ 104

### RTW ET - Star Delta

Part Number	Time range (s)	Voltage (V)	Contacts nr.	Material Number	List price each
RTW-ET02-U030SE26	3s...30s	24 V ac 50/60 Hz / 24 V dc	2C0	10074345	\$ 105
RTW-ET02-U030SE37	3s...30s	110-130 V ac 50/60 Hz / 24 V dc		10410345	\$ 105
RTW-ET02-U030SE40	3s...30s	220-240 V ac 50/60 Hz / 24 V dc		10046635	\$ 105
RTW-ET02-U030SD71	3s...30s	380-440 V ac 50/60 Hz		10118275	\$ 142

Note: The Timing relays on this page are single supply voltage and single timing.



## Electronic Monitoring Relays (17.5 mm Wide)



### RMW17 - FF - Phase Loss Protector

Part Number	Voltage (V)	Material Number	List price each
RMW17-FF01D65	208-240 ac/ca 50/60 Hz	12590262	\$ 131
RMW17-FF01D97	380-480 ac/ca 50/60 Hz	14226362	\$ 131

### RMW17 - FFN - Phase Loss Protector with Neutral

Part Number	Voltage (V)	Material Number	List price each
RMW17-FFN01D65	208-240 ac/ca 50/60 Hz	12735385	\$ 134
RMW17-FFN01D97	380-480 ac/ca 50/60 Hz	13960136	\$ 134

### RMW17 - FSF - Phase Loss and Phase Sequence Protector

Part Number	Voltage (V)	Material Number	List price each
RMW17-FSF01D65	208-240 ac/ca 50/60 Hz	12735387	\$ 133
RMW17-FSF01D97	380-480 ac/ca 50/60 Hz	14226365	\$ 133

### RMW17 - FSN - Phase Loss and Phase Sequence Protector with Neutral

Part Number	Voltage (V)	Material Number	List price each
RMW17-FSN01D65	208-240 ac/ca 50/60 Hz	12735388	\$ 136
RMW17-FSN01D97	380-480 ac/ca 50/60 Hz	13960218	\$ 136

### RMW17 - SF - Phase Sequence Protector

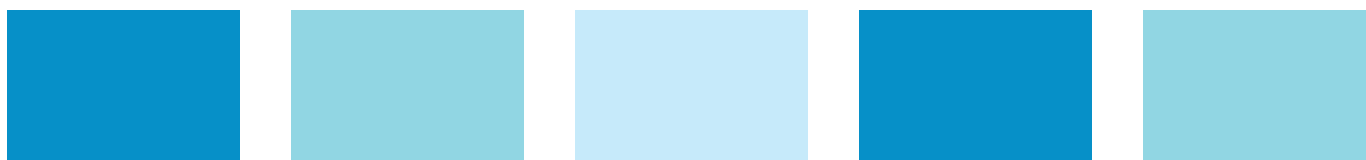
Part Number	Voltage (V)	Material Number	List price each
RMW17-SF01D90	208-480 ac/ca 50/60 Hz	13960219	\$ 117

### RMW17 - SS - Under Voltage and Overvoltage Protector

Part Number	Voltage (V)	Material Number	List price each
RMW17-SS01D23	220 ac/ca 50/60 Hz	12735389	\$ 139
RMW17-SS01D24	230 ac/ca 50/60 Hz	13960248	\$ 139
RMW17-SS01D25	240 ac/ca 50/60 Hz	13960221	\$ 139
RMW17-SS01D33	380 ac/ca 50/60 Hz	13960222	\$ 139
RMW17-SS01D34	400 ac/ca 50/60 Hz	13960223	\$ 139
RMW17-SS01D35	415 ac/ca 50/60 Hz	13960249	\$ 139
RMW17-SS01D36	440 ac/ca 50/60 Hz	13960224	\$ 139
RMW17-SS01D38	460 ac/ca 50/60 Hz	13960225	\$ 139
RMW17-SS01D39	480 ac/ca 50/60 Hz	13960226	\$ 139
RMW17-SS01D77	208 ac/ca 50/60 Hz	13960227	\$ 139

### RMW17 - SSM - Under Voltage and Overvoltage Protector Single Phase

Part Number	Voltage (V)	Material Number	List price each
RMW17-SSM01D23	220 ac/ca 50/60 Hz	12735390	\$ 117





## Timing Relays & Protection Relays

### Protection Relays RPW Series

#### RPW FF - Protection for Phase Loss

Part Number	Voltage (V)	Contacts nr.	Material Number	List price each
RPW-FFD66	220...240 V ac	1C0	10047121	\$ 131
RPW-FFD70	380...415 V ac		10047122	\$ 131
RPW-FFD74	440...480 V ac		10047123	\$ 131

#### RPW-FSD - Protection for Phase Loss and Phase Sequence

Part Number	Voltage (V)	Contacts nr.	Material Number	List price each
RPW-FSD66	220...240 V ac	1C0	10047119	\$ 133
RPW-FSD70	380...415 V ac		10047120	\$ 133
RPW-FSD74	440...480 V ac		10074363	\$ 133

#### RPW-SF - Protection for Incorrect Phase Sequence

Part Number	Voltage (V)	Contacts nr.	Material Number	List price each
RPW-SFD66	220...240 V ac	1C0	10047124	\$ 117
RPW-SFD70	380...415 V ac		10186742	\$ 117
RPW-SFD74	440...480 V ac		10410424	\$ 117

#### RPW-SS - Protection for Under and Overvoltage

Part Number	Voltage (V)	Contacts nr.	Material Number	List price each
RPW-SSD77	208 V ac	1C0	10583789	\$ 139
RPW-SSD23	220 V ac		10075631	\$ 139
RPW-SSD24	230 V ac		10583790	\$ 139
RPW-SSD25	240 V ac		10583791	\$ 139
RPW-SSD33	380 V ac		10075632	\$ 139
RPW-SSD34	400 V ac		10583792	\$ 139
RPW-SSD35	415 V ac		10583793	\$ 139
RPW-SSD36	440 V ac		10075633	\$ 139
RPW-SSD38	460 V ac		10583794	\$ 139
RPW-SSD39	480 V ac		10075634	\$ 139

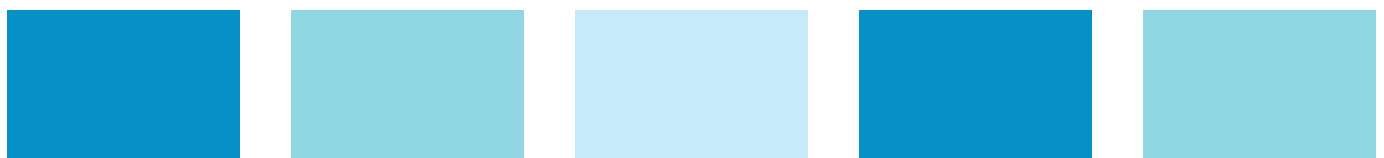
#### RPW-PTC - Thermistor Relay

Part Number	Voltage (V)	Contacts nr.	Material Number	List price each
RPW-PTCE05	24...240 V ac/V dc	1C0	10075636	\$ 158

## Accessories for Timing Relays & Protection Relays

### Push-in Lugs for Panel Mounting

Part Number	Description	Material Number	List price each
PLMP	Push-in-lugs	10185925	\$ 1



## Level Relays RNW Series

### RNW ES - Draining

Part Number	Voltage (V)	Contacts nr.	Material Number	List price each
RNW-ESE09	100...240 V ac 50/60 Hz / 100...240 V dc	1C0	10318025	\$ 179

### RNW EN - Filling

Part Number	Voltage (V)	Contacts nr.	Material Number	List price each
RNW-ENE09	100...240 V ac 50/60 Hz / 100...240 V dc	1C0	10318026	\$ 179

### Accessories for Level Relays RNW Series



Pendulum type electrode



Shaft type electrode



Push-in-lugs

Part Number	Voltage (V)	Material Number	List price each
EPW	Pendulum type electrode	10583739	\$ 24
EHW	Shaft type electrode	10583740	\$ 131
PLMP	Push-in-lugs	10185925	\$ 1
MARC	Mouting on CWM9...CWM105	10832070	\$ 4

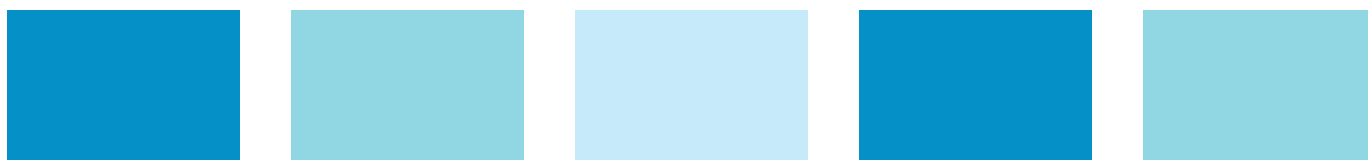
## Electronic Impulse Relay - RIEW



**UL Pending**

### RIEW17 - Impulse Relay

Part Number	Voltage (V)	Material Number	List price each
RIEW17-01E40	200-240 V ac/ca 50/60 Hz / 24 V dc/dc	12756202	\$ 45,00



# Smart Relay

## Smart Relay WEG - SRW01



### Control Unit - UC

Part Number	Function S1- S2	Voltage (V)	Communication protocol	Input rated voltage (V)	Material Number	List price each
SRW01-UCBE1E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc	Not available	24 V dc	11072584	\$ 1,173
SRW01-UCBE1E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		24 V dc	11364681	\$ 1,313
SRW01-UCBE2E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc		110 V ac	11072586	\$ 1,173
SRW01-UCBE2E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		110 V ac	11364680	\$ 1,313
SRW01-UCBT1E47	PTC	110-240 V 50/60 Hz-dc		24 V dc	10558177	\$ 1,065
SRW01-UCBT1E26	PTC	24 V 50/60 Hz-dc		24 V dc	11364685	\$ 1,193
SRW01-UCBT2E47	PTC	110-240 V 50/60 Hz-dc		110 V ac	10673330	\$ 1,065
SRW01-UCBT2E26	PTC	24 V 50/60 Hz-dc		110 V ac	11364684	\$ 1,193
SRW01-UCPE1E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc	Profibus	24 V dc	11072136	\$ 1,700
SRW01-UCPE1E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		24 V dc	11364664	\$ 1,903
SRW01-UCPE2E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc		110 V ac	11072137	\$ 1,700
SRW01-UCPE2E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		110 V ac	11364663	\$ 1,903
SRW01-UCPT1E47	PTC	110-240 V 50/60 Hz-dc		24 V dc	10673417	\$ 1,592
SRW01-UCPT1E26	PTC	24 V 50/60 Hz-dc		24 V dc	11364658	\$ 1,784
SRW01-UCPT2E47	PTC	110-240 V 50/60 Hz-dc		110 V ac	10673414	\$ 1,592
SRW01-UCPT2E26	PTC	24 V 50/60 Hz-dc		110 V ac	11364617	\$ 1,784
SRW01-UCME1E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc	Modbus	24 V dc	11072133	\$ 1,464
SRW01-UCME1E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		24 V dc	11364666	\$ 1,639
SRW01-UCME2E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc		110 V ac	11072135	\$ 1,464
SRW01-UCME2E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		110 V ac	11364665	\$ 1,639
SRW01-UCMT1E47	PTC	110-240 V 50/60 Hz-dc		24 V dc	10675557	\$ 1,356
SRW01-UCMT1E26	PTC	24 V 50/60 Hz-dc		24 V dc	11364683	\$ 1,519
SRW01-UCMT2E47	PTC	110-240 V 50/60 Hz-dc		110 V ac	10673440	\$ 1,355
SRW01-UCMT2E26	PTC	24 V 50/60 Hz-dc		110 V ac	11364682	\$ 1,519
SRW01-UCDE1E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc	DeviceNet	24 V dc	11072131	\$ 1,307
SRW01-UCDE1E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		24 V dc	11364678	\$ 1,464
SRW01-UCDE2E47	EARTH LEAKAGE	110-240 V 50/60 Hz-dc		110 V ac	11072132	\$ 1,307
SRW01-UCDE2E26	EARTH LEAKAGE	24 V 50/60 Hz-dc		110 V ac	11364667	\$ 1,464
SRW01-UCDT1E47	PTC	110-240 V 50/60 Hz-dc		24 V dc	10673500	\$ 1,199
SRW01-UCDT1E26	PTC	24 V 50/60 Hz-dc		24 V dc	11364632	\$ 1,342
SRW01-UCDT2E47	PTC	110-240 V 50/60 Hz-dc		110 V ac	10673498	\$ 1,199
SRW01-UCDT2E26	PTC	24 V 50/60 Hz-dc		110 V ac	11364688	\$ 1,342
SRW01-UCE1TE1E47	Earth leakage and PTC	110-240 V 50/60 Hz-DC	Modbus TCP	24 V dc/cc	12105800	\$ 2,183
SRW01-UCE1TE1E26	Earth leakage and PTC	24 V 50/60 Hz-DC		24 V dc/cc	12105806	\$ 2,445
SRW01-UCE2TE1E47	Earth leakage and PTC	110-240 V 50/60 Hz-DC	Profinet IO	24 V dc/cc	13628772	\$ 2,168
SRW01-UCE2TE1E26	Earth leakage and PTC	24 V 50/60 Hz-DC		24 V dc/cc	14623372	\$ 2,430
SRW01-UCE3TE1E47	Earth leakage and PTC	110-240 V 50/60 Hz-DC	Ethernet/IP	24 V dc/cc	13628769	\$ 2,168
SRW01-UCE3TE1E26	Earth leakage and PTC	24 V 50/60 Hz-DC		24 V dc/cc	14623550	\$ 2,430

### Interface Module for Digital Inputs - IAC

Part Number	Description	Material Number	List price each
SRW01-IAC	The SRW01-IAC interface module allows the application of 110 V 50/60 Hz signals to the digital inputs of the control units with Ethernet communication.	14910464	\$ 257

### I/O Expansion Module - EDU

Part Number	Digital inputs	Digital outputs	Rated voltage (V) - external	Material Number	List price each
SRW01-EDU1	6	4	24 V dc	11367104	\$ 577
SRW01-EDU2	6	4	110 V ac	11367106	\$ 577

### Current Measure Unit - UMC

Part Number	Current range (A)	Material Number	List price each
SRW01-UMC1	0.5...5	10558179	\$ 440
SRW01-UMC2	1.25 ... 12.5	10558180	\$ 454
SRW01-UMC3	2.5 ... 25	10558181	\$ 472
SRW01-UMC4	12.5 ... 125	10558182	\$ 690
SRW01-UMC5	42 ... 420	10561132	\$ 940
SRW01-UMC6	84 ... 840	10561133	\$ 1,258

## Smart Relay - Accessories

### Accessories

#### Current and Voltage Measure Unit - UMCT

Part Number	Current range (A)	Voltage range (V ac)	Material Number	List price each
SRW01-UMCT1	0.5...5	35...690 V ac	11751275	\$ 885
SRW01-UMCT2	1.25 ... 12.5	35...690 V ac	11751274	\$ 900
SRW01-UMCT3	2.5 ... 25	35...690 V ac	11751276	\$ 917
SRW01-UMCT4	12.5 ... 125	35...690 V ac	11739009	\$ 1,135
SRW01-UMCT5	42 ... 420	35...690 V ac	11751277	\$ 1,386
SRW01-UMCT6	84 ... 840	35...690 V ac	11751328	\$ 1,703

#### USB Cable for Panel Door with Protective Cover IP68



Part Number	Length (mm)	Material Number	List price each
SRW01-AUSB1	250	12171479	\$ 213
SRW01-AUSB2	500	12171480	\$ 303

#### UC-UMC Connection Cable

Part Number	Length (mm)	Material Number	List price each
SRW01-CB0	60	11332922	\$ 18
SRW01-CB1	120	10558183	\$ 18
SRW01-CB2	500	10938235	\$ 21
SRW01-CB3	2000	10558185	\$ 24
SRW01-CB4	1000	11332919	\$ 24

#### USB Connection Cable

Part Number	Length (mm)	Material Number	List price each
SRW01-USB	2000	10561134	\$ 56

#### UC-IHM Connection Cable

Part Number	Length (mm)	Material Number	List price each
SRW01-CH1	500	10558187	\$ 44
SRW01-CH2	1000	10558188	\$ 47
SRW01-CH3	1500	10558189	\$ 47
SRW01-CH4	2000	11332397	\$ 59

#### Extension Cable IHM

Part Number	Length (mm)	Material Number	List price each
CABO PROG IHM 1,500mm	1500	10624678	\$ 47

#### Human Machine Interface

Part Number	Description	Material Number	List price each
SRW01-IHM	Human Machine Interface (Vertical)	10558186	\$ 332
SRW01-IHM2	Human Machine Interface (Horizontal)	11578238	\$ 623

#### Communication Module

Part Number	Communication protocol	Material Number	List price each
SRW01-MCD	DeviceNet	10575286	\$ 134
SRW01-MCM	Modbus	10675582	\$ 291
SRW01-MCP	Profibus	10675585	\$ 527

## Smart Relay - Accessories

### Push-in-Lugs

Part Number	Description	Material Number	List price each
PLMP	Push-in-lugs	10185925	\$ 1

### Busbar for UMC 6

Part Number	Description	Material Number	List price each
JBL RW407D	Busbar for UMC 6	10045718	\$ 528

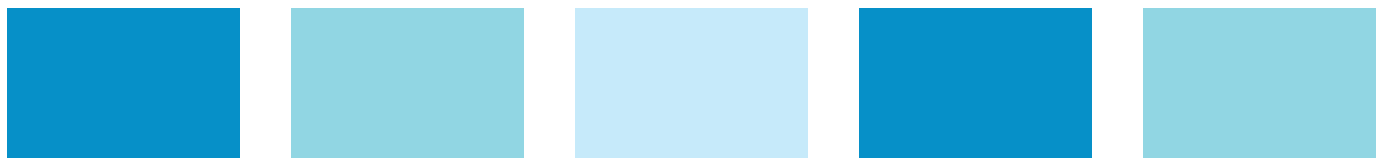
### Residual Current Sensor

Part Number	Diameter (mm)	Assemble on	Material Number	List price each
SRW01-EL1	35	UMC1, UMC2, UMC3	10997169	\$ 347
SRW01-EL2	70	UMC4	10997170	\$ 603
SRW01-EL3	120	UMC5	10997173	\$ 1,086
SRW01-EL4	210	UMC6	10997174	\$ 2,200

### Cover

Part Number	Description	Material Number	List price each
SRW01-CDB <sup>1)</sup>	Protection cover SRW01 DB9 9 female pins	11080360	\$ 9
SRW01-CMU <sup>1)</sup>	Protection cover SRW mini-USB	11080361	\$ 12
SRW01-CBP <sup>1)</sup>	Protection cover SRW01 pin bar 10 vias	11080359	\$ 18

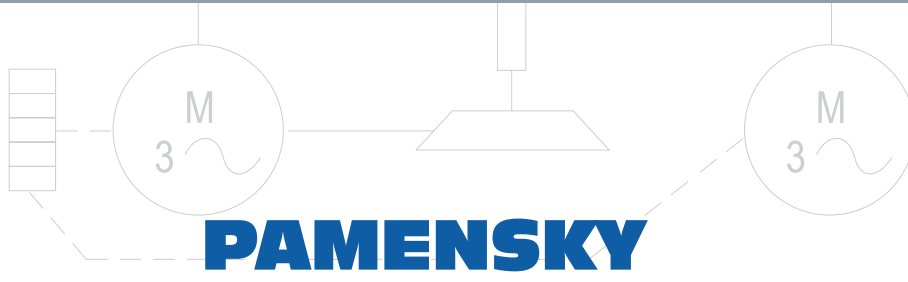
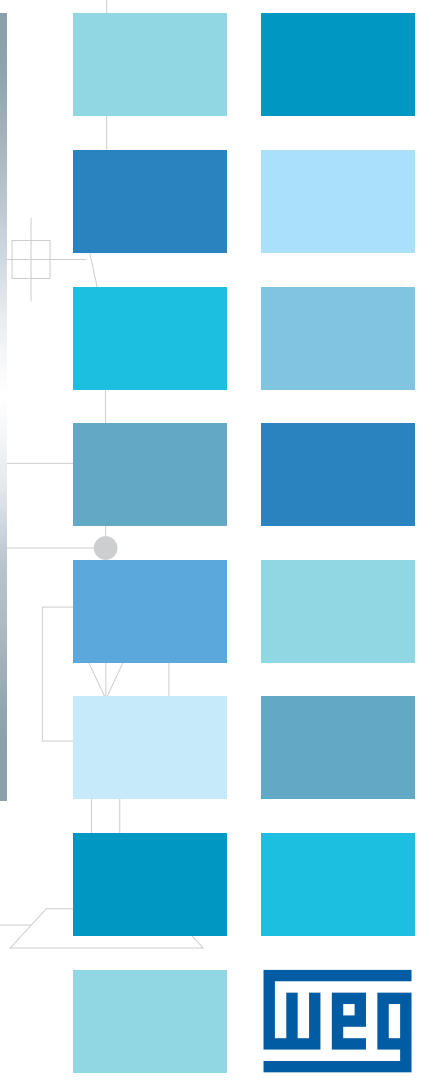
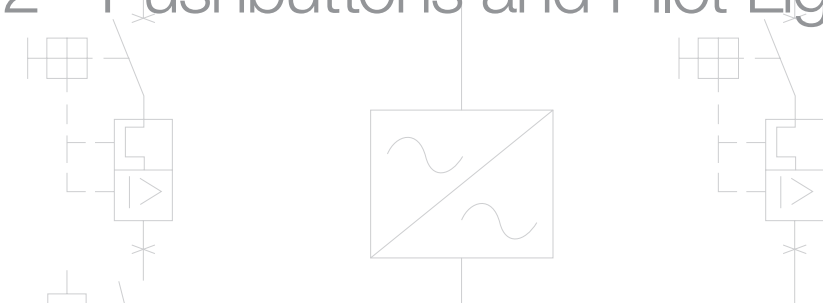
Note: 1) Quantity per packing: 10 units.





# Automation

## Book 2 - Pushbuttons and Pilot Lights



**PAMENSKY**

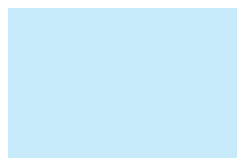






# Summary

- Pushbuttons - IP66 .....2-4
- Pushbuttons with Metallic Appearance - IP66..... 2-6
- Emergency Stop Pushbutton with Latch - IP66 ..... 2-7
- Mushroom with Latch - IP66 ..... 2-7
- Illuminated Pushbuttons - IP66 ..... 2-8
- Illuminated Pushbuttons with Metallic Appearance - IP66..... 2-9
- Selector Switches - IP66 ..... 2-10
- Selector Switches with Key- IP66 ..... 2-10
- Illuminated Selector Switches - IP66 ..... 2-11
- Signalling ..... 2-11
- Reset Pushbtuton with Shaft ..... 2-11
- Blue Flange and Accessories ..... 2-12
- Accessories for Blue Flange ..... 2-13
- Control Stations PBW ..... 2-17
- PBW Line Accessories ..... 2-17
- Accessories for Flanges and Control Stations ..... 2-18
- Common Sets - CSW Series..... 2-22



# Pushbuttons and Pilot Lights - CSW

## Pushbuttons - IP66



CSW-BF0-WH



CSW-BGA3-WH



CSW-BS4-WH



CSW-BC1-WH



CSW2-BDF210-WH



CSW2-BDS210-WH

Description	Colour	Label	Part Number	Material Number	List price each
Flush	White	Without	CSW-BF0-WH	12880559	\$ 7
	Red	Without	CSW-BF1-WH	12881927	\$ 7
	Green	Without	CSW-BF2-WH	12882149	\$ 7
	Yellow	Without	CSW-BF3-WH	12882150	\$ 7
	Blue	Without	CSW-BF4-WH	12882151	\$ 7
Recessed	Black	Without	CSW-BF5-WH	12882152	\$ 7
	White	Without	CSW-BGA0-WH	12882154	\$ 8
	Red	Without	CSW-BGA1-WH	12882155	\$ 8
	Green	Without	CSW-BGA2-WH	12882156	\$ 8
	Yellow	Without	CSW-BGA3-WH	12882157	\$ 8
Extended	Blue	Without	CSW-BGA4-WH	12882158	\$ 8
	Black	Without	CSW-BGA5-WH	12882159	\$ 8
	White	Without	CSW-BS0-WH	12882167	\$ 8
	Red	Without	CSW-BS1-WH	12882208	\$ 8
	Green	Without	CSW-BS2-WH	12882210	\$ 8
Mushroom 40 mm	Yellow	Without	CSW-BS3-WH	12882211	\$ 8
	Blue	Without	CSW-BS4-WH	12882212	\$ 8
	Black	Without	CSW-BS5-WH	12882213	\$ 8
	White	Without	CSW-BC0-WH	12882160	\$ 11
	Red	Without	CSW-BC1-WH	12882161	\$ 11
Double (IP66)	Green	Without	CSW-BC2-WH	12882162	\$ 11
	Yellow	Without	CSW-BC3-WH	12882163	\$ 11
	Blue	Without	CSW-BC4-WH	12882164	\$ 11
	Black	Without	CSW-BC5-WH	12882166	\$ 11
	Green-red	I / O	CSW2-BDF2110-WH	12724261	\$ 20
	Green-red	Start/Stop	CSW2-BDF21SS-WH	12905152	\$ 20
	Green-red	Without	CSW2-BDF21-WH	12905153	\$ 20
	White-black	I / O	CSW2-BDF0510-WH	12905154	\$ 20
Extended double (IP66)	White-black	Start/Stop	CSW2-BDF05SS-WH	12905156	\$ 20
	White-black	Without	CSW2-BDF05-WH	12905157	\$ 20
	Black-black	+ / -	CSW2-BDF55PN-WH	12905179	\$ 20
	Black-black	↑ / ↓	CSW2-BDF55FR-WH	12905181	\$ 20
	Green-red	I / O	CSW2-BDS2110-WH	12724178	\$ 20
	Green-red	Start/Stop	CSW2-BDS21SS-WH	12905187	\$ 20
Extended double (IP66)	Green-red	Without	CSW2-BDS21-WH	12905208	\$ 20
	White-black	I / O	CSW2-BDS0510-WH	12905209	\$ 20
	White-black	Start/Stop	CSW2-BDS05SS-WH	12905210	\$ 20
	White-black	Without	CSW2-BDS05-WH	12905211	\$ 20

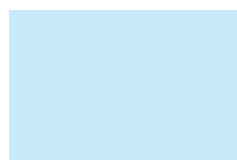
# Pushbuttons and Pilot Lights - CSW

## Pushbuttons - IP66



CSW2-BTS241I0R-WH

Description	Colour	Label	Part Number	Material Number	List price each
Triple (IP66)	Green-blue-red	I / RESET / O	CSW2-BTF241I0R-WH	13120530	\$ 23
	Black-blue-white	I / RESET / O	CSW2-BTF540I0R-WH	13120531	\$ 23
	Black-blue-white	START / RESET / STOP	CSW2-BTF540SSR-WH	13120532	\$ 23
	Green-blue-red	MARCHA / RESET / PARO	CSW2-BTF241MPR-WH	13127348	\$ 23
	Green-red-green	I / STOP / II	CSW2-BTF212IIIS-WH	13120276	\$ 23
	Green-red-green	I / PARO / II	CSW2-BTF212IIIP-WH	13127205	\$ 23
	Green-red-green	+ / STOP / -	CSW2-BTF212PNS-WH	13120366	\$ 23
	Green-red-green	+ / PARO / -	CSW2-BTF212PNP-WH	13127325	\$ 23
	Black-red-black	+ / STOP / -	CSW2-BTF515PNS-WH	13120367	\$ 23
	Black-red-black	+ / PARO / -	CSW2-BTF515PNP-WH	13127326	\$ 23
	Green-red-green	↑ / STOP / ↓	CSW2-BTF212FRS-WH	13120359	\$ 23
	Green-red-green	↑ / PARO / ↓	CSW2-BTF212FRP-WH	13127320	\$ 23
	Black-red-black	↑ / STOP / ↓	CSW2-BTF515FRS-WH	13120360	\$ 23
	Black-red-black	↑ / PARO / ↓	CSW2-BTF515FRP-WH	13127321	\$ 23
	White-red-black	↑ / STOP / ↓	CSW2-BTF015FRS-WH	13120362	\$ 23
	White-red-black	↑ / PARO / ↓	CSW2-BTF015FRP-WH	13127322	\$ 23
	Green-red-green	→ / STOP / ←	CSW2-BTF212RSL-WH	13120358	\$ 23
	Green-red-green	→ / PARO / ←	CSW2-BTF212RSLP-WH	13127319	\$ 23
White-red-black	→ / STOP / ←	CSW2-BTF015RSL-WH	13120365	\$ 23	
White-red-black	→ / PARO / ←	CSW2-BTF015RSLP-WH	13127323	\$ 23	
Extended triple (IP66)	Green-blue-red	I / RESET / O	CSW2-BTS241I0R-WH	13120537	\$ 23
	Green-blue-red	MARCHA / RESET / PARO	CSW2-BTS241MPR-WH	13127349	\$ 23



# Pushbuttons and Pilot Lights - CSW

## Pushbuttons with Metallic Appearance - IP66

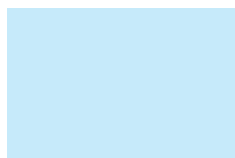


CSW2-BDFC2110-WH



CSW2-BTSC2411OR-WH

Description	Colour	Label	Part Number	Material Number	List price each
Double (IP66)	Green-red	I / O	CSW2-BDFC2110-WH	13184929	\$ 22
	Green-red	START/STOP	CSW2-BDFC21SS-WH	13184932	\$ 22
	Green-red	Without	CSW2-BDFC21-WH	13184933	\$ 22
	White-black	I / O	CSW2-BDFC05I0-WH	13184934	\$ 22
	White-black	START/STOP	CSW2-BDFC05SS-WH	13184936	\$ 22
	White-black	Without	CSW2-BDFC05-WH	13184937	\$ 22
	Black	+ / -	CSW2-BDFC55PN-WH	13184988	\$ 22
Extended double (IP66)	Green-red	↑ / ↓	CSW2-BDFC55FR-WH	13184989	\$ 22
	Green-red	I / O	CSW2-BDSC2110-WH	13184990	\$ 22
	Green-red	START/STOP	CSW2-BDSC21SS-WH	13184992	\$ 22
	Green-red	Without	CSW2-BDSC21-WH	13184993	\$ 22
	White-black	I / O	CSW2-BDSC05I0-WH	13184994	\$ 22
Triple (IP66)	White-black	START/STOP	CSW2-BDSC05SS-WH	13184995	\$ 22
	White-black	Without	CSW2-BDSC05-WH	13184996	\$ 22
	Green-red-green	I / STOP / II	CSW2-BTFC212IIS-WH	13185098	\$ 26
	Green-red-green	→ / STOP / ←	CSW2-BTFC212RSL-WH	13185099	\$ 26
	Green-red-green	↑ / STOP / ↓	CSW2-BTFC212FRS-WH	13185100	\$ 26
	Green-red-green	+ / STOP / -	CSW2-BTFC212PNS-WH	13185160	\$ 26
	Black-red-black	↑ / STOP / ↓	CSW2-BTFC515FRS-WH	13185102	\$ 26
	Black-red-black	+ / STOP / -	CSW2-BTFC515PNS-WH	13185162	\$ 26
	White-red-black	↑ / STOP / ↓	CSW2-BTFC015FRS-WH	13185107	\$ 26
	White-red-black	→ / STOP / ←	CSW2-BTFC015RSL-WH	13185158	\$ 26
	Green-blue-red	I / REARME / O	CSW2-BTFC2411ORM-WH	13185164	\$ 26
	Green-blue-red	I / RESET / O	CSW2-BTFC2411OR-WH	13185165	\$ 26
Black-blue-white	I / RESET / O	CSW2-BTFC5401OR-WH	13185167	\$ 26	
Extended triple (IP66)	Black-blue-white	START / RESET / STOP	CSW2-BTFC540SSR-WH	13185239	\$ 26
	Green-blue-red	I / REARME / O	CSW2-BTS2411ORM-WH	13185244	\$ 26
	Green-blue-red	I / RESET / O	CSW2-BTS2411OR-WH	13185245	\$ 26



# Pushbuttons and Pilot Lights - CSW

## Emergency Stop Pushbutton with Latch - IP66

### BES Range (IEC 60947-5-5 & EN 418)



Pull to release

Description	Function	Self-monitoring feature	Part Number	Material Number	List price each
Pushbutton 42 mm	Turn to release	No	CSW-BESG-WH	12882447	\$ 18
Pushbutton 42 mm	Pull to release	No	CSW-BESP-WH	12882459	\$ 18
Pushbutton 42 mm	Key to release	No	CSW-BESY-WH	12882461	\$ 58
Pushbutton 42 mm	Turn to release	Yes	CSW-BESGM-WH	13268381	\$ 18
Pushbutton 42 mm	Pull to release	Yes	CSW-BESPM-WH	13268409	\$ 18
Pushbutton 42 mm	Key to release	Yes	CSW-BESYM-WH	13274097	\$ 58

### BES Range (IEC 60947-5-5 & EN 418) with Green Position Indicator



Turn to release

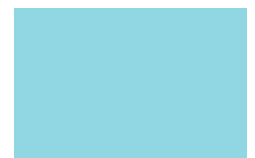
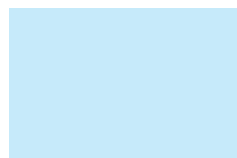
Description	Function	Self-monitoring feature	Part Number	Material Number	List price each
Pushbutton 42 mm	Turn to release	No	CSW-BESGS-WH	12882462	\$ 22
Pushbutton 42 mm	Pull to release	No	CSW-BESPS-WH	12882463	\$ 22
Pushbutton 42 mm	Key to release	No	CSW-BESYS-WH	12882464	\$ 61
Pushbutton 42 mm	Turn to release	Yes	CSW-BESGSM-WH	13277423	\$ 22
Pushbutton 42 mm	Pull to release	Yes	CSW-BESPSM-WH	13277427	\$ 22
Pushbutton 42 mm	Key to release	Yes	CSW-BESYSM-WH	13277425	\$ 61

## Mushroom with Latch - IP66



CSW-BCY1-WH

Description	Colour	Part Number	Material Number	List price each
Mushroom 40 mm - turn to release	White	CSW-BCT0-WH	12882214	\$ 16
	Red	CSW-BCT1-WH	12882215	\$ 16
	Green	CSW-BCT2-WH	12882216	\$ 16
	Yellow	CSW-BCT3-WH	12882217	\$ 16
	Blue	CSW-BCT4-WH	12882249	\$ 16
	Black	CSW-BCT5-WH	12882250	\$ 16
Mushroom 40 mm - key to release	White	CSW-BCY0-WH	12882251	\$ 53
	Red	CSW-BCY1-WH	12882252	\$ 53
	Green	CSW-BCY2-WH	12882253	\$ 53
	Yellow	CSW-BCY3-WH	12882255	\$ 53
	Blue	CSW-BCY4-WH	12882256	\$ 53
	Black	CSW-BCY5-WH	12882257	\$ 53



# Pushbuttons and Pilot Lights - CSW

## Illuminated Pushbuttons - IP66



CSW-BFI2-WH



CSW-BSI3-WH



CSW-BCI1-WH



CSW2-BDFI210-WH

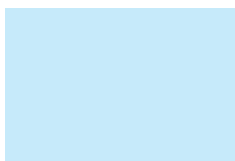


CSW2-BDSI210-WH



CSW-BD-WH

Description	Colour	Label	Part Number	Material Number	List price each
Illuminated flush	White	Without	CSW-BFI0-WH	12882258	\$ 13
	Red	Without	CSW-BFI1-WH	12882259	\$ 13
	Green	Without	CSW-BFI2-WH	12882260	\$ 13
	Yellow	Without	CSW-BFI3-WH	12882261	\$ 13
	Blue	Without	CSW-BFI4-WH	12882262	\$ 13
	Orange	Without	CSW-BFI6-WH	12882264	\$ 13
Illuminated extended	White	Without	CSW-BSI0-WH	12882265	\$ 11
	Red	Without	CSW-BSI1-WH	12882266	\$ 11
	Green	Without	CSW-BSI2-WH	12882267	\$ 11
	Yellow	Without	CSW-BSI3-WH	12882298	\$ 11
	Blue	Without	CSW-BSI4-WH	12882299	\$ 11
	Orange	Without	CSW-BSI6-WH	12882300	\$ 11
Illuminated mushroom	White	Without	CSW-BCI0-WH	12882301	\$ 10
	Red	Without	CSW-BCI1-WH	12882302	\$ 10
	Green	Without	CSW-BCI2-WH	12882303	\$ 10
	Yellow	Without	CSW-BCI3-WH	12882304	\$ 10
	Blue	Without	CSW-BCI4-WH	12882305	\$ 10
	Orange	Without	CSW-BCI6-WH	12882306	\$ 10
Illuminated double (IP66)	Green-red	I / O	CSW2-BDFI2110-WH	12756258	\$ 20
	Green-red	START/STOP	CSW2-BDFI21SS-WH	12904803	\$ 20
	Green-red	Without	CSW2-BDFI21-WH	12904818	\$ 20
	White-black	I / O	CSW2-BDFI0510-WH	12904819	\$ 20
	White-black	START/STOP	CSW2-BDFI05SS-WH	12904822	\$ 20
	White-black	Without	CSW2-BDFI05-WH	12904824	\$ 20
	Black-black	+ / -	CSW2-BDFI55PN-WH	12904825	\$ 20
	Black-black	↑ / ↓	CSW2-BDFI55FR-WH	12904827	\$ 20
Extended illuminated double (IP66)	Green-red	I / O	CSW2-BDSI2110-WH	12904828	\$ 20
	Green-red	START/STOP	CSW2-BDSI21SS-WH	12904831	\$ 20
	Green-red	Without	CSW2-BDSI21-WH	12904834	\$ 20
	White-black	I / O	CSW2-BDSI0510-WH	12904837	\$ 20
	White-black	START/STOP	CSW2-BDSI05SS-WH	12904848	\$ 20
	White-black	Without	CSW2-BDSI05-WH	12904850	\$ 20
Double (IP40)	Green-red	I / O	CSW-BD-WH	12884105	\$ 17
	Green-red	START/STOP	CSW-BD21SS-WH	12884106	\$ 17
	Green-red	Without	CSW-BD21-WH	12884108	\$ 17
	White-black	I / O	CSW-BD0510-WH	12884109	\$ 17
	White-black	START/STOP	CSW-BD05SS-WH	12884110	\$ 17
	White-black	Without	CSW-BD05-WH	12884112	\$ 17
	Black-black	+ / -	CSW-BD55PN-WH	12884114	\$ 17
	Black-black	↑ / ↓	CSW-BD55FR-WH	12884115	\$ 17



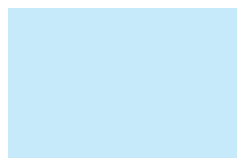
# Pushbuttons and Pilot Lights - CSW

## Illuminated Pushbuttons with Metallic Appearance - IP66



CSW2-BDSIC21IO-WH

Description	Colour	Label	Part Number	Material Number	List price each
Double (IP66)	Green-red	I / O	CSW2-BDFIC21IO-WH	13185008	\$ 22
	Green-red	START/STOP	CSW2-BDFIC21SS-WH	13185011	\$ 22
	Green-red	Without	CSW2-BDFIC21-WH	13185012	\$ 22
	White-black	I / O	CSW2-BDFIC05IO-WH	13185013	\$ 22
	White-black	START/STOP	CSW2-BDFIC05SS-WH	13185014	\$ 22
	White-black	Without	CSW2-BDFIC05-WH	13185015	\$ 22
	Black	+ / -	CSW2-BDFIC55PN-WH	13185016	\$ 22
	Black	↑ / ↓	CSW2-BDFIC55FR-WH	13185017	\$ 22
Extended double (IP66)	Green-red	I / O	CSW2-BDSIC21IO-WH	13185059	\$ 22
	Green-red	START/STOP	CSW2-BDSIC21SS-WH	13185061	\$ 22
	Green-red	Without	CSW2-BDSIC21-WH	13185062	\$ 22
	White-black	I / O	CSW2-BDSIC05IO-WH	13185063	\$ 22
	White-black	START/STOP	CSW2-BDSIC05SS-WH	13185065	\$ 22
	White-black	Without	CSW2-BDSIC05-WH	13185067	\$ 22



## Pushbuttons and Pilot Lights - CSW

### Selector Switches - IP66



CSW-CK...



CSW-CA...

Description	Positions	Part Number	Material Number	List price each
Knob	2 fixed (45°)	CSW-CK2F45-WH	12882307	\$ 19
	2 fixed (90°)	CSW-CK2F90-WH	12882308	\$ 19
	2 fixed (90°) - W type	CSW-CK2F90W-WH	12904656	\$ 19
	2 w/ return (45°)	CSW-CK2R45-WH	12882309	\$ 22
	2 w/ return (90°)	CSW-CK2R90-WH	12882310	\$ 22
	3 fixed	CSW-CK3F45-WH	12882311	\$ 19
	3 w/ return	CSW-CK3R45-WH	12882312	\$ 22
	3 ret. left	CSW-CK3RE45-WH	12882314	\$ 22
	3 ret. right	CSW-CK3RD45-WH	12882315	\$ 22
Lever	2 fixed (45°)	CSW-CA2F45-WH	12882316	\$ 20
	2 fixed (90°)	CSW-CA2F90-WH	12882317	\$ 20
	2 fixed (90°) - W type	CSW-CA2F90W-WH	12904688	\$ 20
	2 w/ return (45°)	CSW-CA2R45-WH	12882338	\$ 23
	2 w/ return (90°)	CSW-CA2R90-WH	12882339	\$ 23
	3 fixed	CSW-CA3F45-WH	12882340	\$ 20
	3 w/ return	CSW-CA3R45-WH	12882341	\$ 23
	3 ret. left	CSW-CA3RE45-WH	12882342	\$ 23
		3 ret. right	CSW-CA3RD45-WH	12882343

### Selector Switches with Key- IP66



CSW-CY...

Description	Key withdrawal position	Part Number	Material Number	List price each
2 fixed (45°)	All	CSW-CY2F45-WH	12882344	\$ 58
2 w/ return	All	CSW-CY2R45-WH	12882346	\$ 62
3 fixed (E)	All	CSW-CY3F45-WH	12882347	\$ 58
3 w/ return	All	CSW-CY3R45-WH	12882368	\$ 62
2 fixed (90°)	All	CSW-CY2F90-WH	12882369	\$ 58
2 fixed (90°) - W type	All	CSW-CY2F90W-WH	12904689	\$ 58
2 w/ return	All	CSW-CY2R90-WH	12882370	\$ 62
3 ret. left	All	CSW-CY3RE45-WH	12882372	\$ 62
3 ret. right	All	CSW-CY3RD45-WH	12882373	\$ 62
2 fixed (45°)	Left	CSW-CYE2F45-WH	13666551	\$ 62
2 fixed (45°)	Right	CSW-CYD2F45-WH	13835956	\$ 62
3 fixed (E)	Left	CSW-CYE3F45-WH	13356492	\$ 62
3 fixed (E)	Right	CSW-CYD3F45-WH	13836032	\$ 62
3 fixed (E)	Center	CSW-CYC3F45-WH	13476049	\$ 62
2 fixed (90°)	Right	CSW-CYD2F90-WH	13836029	\$ 62
2 fixed (90°)	Left	CSW-CYE2F90-WH	13546069	\$ 62
3 ret. right	Center	CSW-CYC3RD45-WH	13341925	\$ 62
3 ret. right	Left	CSW-CYE3RD45-WH	13302285	\$ 62



# Pushbuttons and Pilot Lights - CSW

## Illuminated Selector Switches - IP66



CSW-CKI...3-WH

Description	Colour	Part Number	Material Number	List price each
2 fixed positions	White	CSW-CKI2F900-WH	12882374	\$ 11
	Red	CSW-CKI2F901-WH	12882375	\$ 11
	Green	CSW-CKI2F902-WH	12882376	\$ 11
	Yellow	CSW-CKI2F903-WH	12882377	\$ 11
	Blue	CSW-CKI2F904-WH	12882388	\$ 11
3 fixed positions	Orange	CSW-CKI2F906-WH	12882389	\$ 11
	White	CSW-CKI3F450-WH	12882391	\$ 11
	Red	CSW-CKI3F451-WH	12882392	\$ 11
	Green	CSW-CKI3F452-WH	12882393	\$ 11
	Yellow	CSW-CKI3F453-WH	12882394	\$ 11
	Blue	CSW-CKI3F454-WH	12882395	\$ 11
3 positions with return	Orange	CSW-CKI3F456-WH	12882396	\$ 11
	White	CSW-CKI3R450-WH	12882397	\$ 13
	Red	CSW-CKI3R451-WH	12882408	\$ 13
	Green	CSW-CKI3R452-WH	12882409	\$ 13
	Yellow	CSW-CKI3R453-WH	12882410	\$ 13
	Blue	CSW-CKI3R454-WH	12882411	\$ 13
3 positions with return from right	Orange	CSW-CKI3R456-WH	12882412	\$ 13
	White	CSW-CKI 3RD450-WH	12882413	\$ 13
	Red	CSW-CKI3RD451-WH	12882414	\$ 13
	Green	CSW-CKI3RD452-WH	12882415	\$ 13
	Yellow	CSW-CKI3RD453-WH	12882416	\$ 13
3 positions with return from left	Blue	CSW-CKI 3RD454-WH	12882417	\$ 13
	Orange	CSW-CKI3RD456-WH	12882438	\$ 13
	White	CSW-CKI3RE450-WH	12882439	\$ 13
	Red	CSW-CKI3RE451-WH	12882440	\$ 13
	Green	CSW-CKI3RE452-WH	12882441	\$ 13
	Yellow	CSW-CKI3RE453-WH	12882442	\$ 13
	Blue	CSW-CKI3RE454-WH	12882443	\$ 13
	Orange	CSW-CKI3RE456-WH	12882444	\$ 13

## Signalling



CSW-SD1-WH

Description	Colour	Part Number	Material Number	List price each
Pilot light head IP66	White	CSW-SD0-WH	12882465	\$ 11
	Red	CSW-SD1-WH	12882466	\$ 11
	Green	CSW-SD2-WH	12882467	\$ 11
	Yellow	CSW-SD3-WH	12882478	\$ 11
	Blue	CSW-SD4-WH	12882479	\$ 11
	Orange	CSW-SD6-WH	12882480	\$ 11
Pilot light head IP42	Red	CSW-SD1-IP42-WH <sup>1)</sup>	13770217	\$ 10
	Green	CSW-SD2-IP42-WH <sup>1)</sup>	13770298	\$ 10
	Yellow	CSW-SD3-IP42-WH <sup>1)</sup>	13770299	\$ 10
	Blue	CSW-SD4-IP42-WH <sup>1)</sup>	13770301	\$ 10
	White	CSW-SD0-IP42-WH <sup>1)</sup>	13770300	\$ 10

## Reset Pushbutton with Shaft



CSW-BHF4 37

Description	Colour	Part Number	Material Number	List price each
Flush pushbutton	Min: 22.5 mm Max: 250 mm	CSW-BHF4 37	12471376	\$ 17

Note: 1) UL pending.

# Pushbuttons and Pilot Lights - CSW

## Blue Flange and Accessories

### Blue Flange



AF3F

Description	Packing (un)	Part Number	Material Number	List price each
Flange (3 pos)	10	AF3FX10	12918902	\$ 30
Flange (3 pos)	1	AF3F	12670264	\$ 4
Flange (5 pos)	5	AF5FX5	13275324	\$ 40
Flange (5 pos)	1	AF5F	13268324	\$ 9

### Contact Blocks

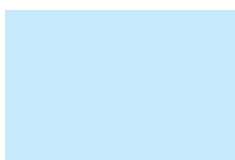


Description	Packing (un)	Part Number	Material Number	List price each
Single (1N0)	10	BC10F-CSWX10	12174912	\$ 66
	1	BC10F-CSW	12891184	\$ 7
Single (1NC)	10	BC01F-CSWX10	12174913	\$ 66
	1	BC01F-CSW	12891186	\$ 7

### Integrated LED Block



Voltage	Colour	Part Number	Material Number	List price each
12 V ac/dc	White	CSW-BIDLF-0E25	12640012	\$ 23
	Red	CSW-BIDLF-1E25	12640013	\$ 23
	Green	CSW-BIDLF-2E25	12640014	\$ 23
	Yellow	CSW-BIDLF-3E25	12640015	\$ 23
	Blue	CSW-BIDLF-4E25	12640016	\$ 23
24 V ac/dc	White	CSW-BIDLF-0E26	12640017	\$ 23
	Red	CSW-BIDLF-1E26	12640038	\$ 23
	Green	CSW-BIDLF-2E26	12640039	\$ 23
	Yellow	CSW-BIDLF-3E26	12640040	\$ 23
	Blue	CSW-BIDLF-4E26	12640041	\$ 23
48 V ac/dc	White	CSW-BIDLF-0E27	12640042	\$ 23
	Red	CSW-BIDLF-1E27	12640043	\$ 23
	Green	CSW-BIDLF-2E27	12640044	\$ 23
	Yellow	CSW-BIDLF-3E27	12640046	\$ 23
	Blue	CSW-BIDLF-4E27	12640047	\$ 23
110-130 V ac/dc	White	CSW-BIDLF-0E10	13899138	\$ 23
	Red	CSW-BIDLF-1E10	13899139	\$ 23
	Green	CSW-BIDLF-2E10	13899140	\$ 23
	Yellow	CSW-BIDLF-3E10	13899141	\$ 23
	Blue	CSW-BIDLF-4E10	13899142	\$ 23
220-240 V ac	White	CSW-BIDLF-0D66	12640053	\$ 23
	Red	CSW-BIDLF-1D66	12640054	\$ 23
	Green	CSW-BIDLF-2D66	12640055	\$ 23
	Yellow	CSW-BIDLF-3D66	12640056	\$ 23
	Blue	CSW-BIDLF-4D66	12640057	\$ 23



# Pushbuttons and Pilot Lights - CSW

## Accessories for Blue Flange

### Contact Bloks with Special Functions

Description	Packing (un)	Part Number	Material Number	List price each
(1NO early make)	1	BCA10F-CSW	13261897	\$ 8
(1NC late brake)	1	BCR01F-CSW	13262008	\$ 8
Self-monitoring (1NC)	1	BCM01F-CSW	13262011	\$ 40

### Block for Lamp



Full voltage  
AC/DC

Description	Packing (un)	Part Number	Material Number	List price each
Full voltage ac/dc	1	CSW-BIDF	13262009	\$ 8

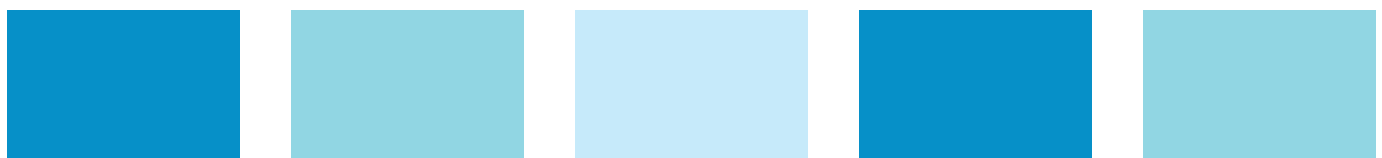
### Transformer Block - BRT

BIDL	Supply voltage	Packing (un)	Part Number	Material Number	List price each
BIDLF 125 VDC	220 V dc	1	CSW-BRT2F	13275624	\$ 13
BIDLF 220-240 VAC	380-460 V ac		CSW-BRT4F	13275625	\$ 25

### Miscellaneous

Description	Packing (un)	Part Number	Material Number	List price each
Lamp. extractor	1	ACEF <sup>1)</sup>	10046256	\$ 8
Latch	1	BR-3PF-CSW	13270966	\$ 12
Reduct. ring (30 -> 22 mm)	5	AR30	10187807	\$ 18
DIN rail adaptor	1	DRCSWA CSW	12846896	\$ 17
E-stop pushb prot.	1	APEG	10213180	\$ 9
E-stop pushb prot. engraved "Emergencia-Desliga" / Guarnición p/ emerg. grabado "Emergencia-Desliga"	1	APEG-01	13355640	\$ 9
E-stop pushb prot. engraved "Emergency-Stop" / Guarnición p/ emerg. grabado "Emergency-Stop"	1	APEG-02	13355641	\$ 9
E-stop pushb prot. engraved "Emergencia-Paro" / Guarnición p/ emerg. grabado "Emergencia-Paro"	1	APEG-03	13355642	\$ 9

Notes: 1) UL pending.



## Pushbuttons and Pilot Lights - CSW

### Accessories for Blue Flange

#### Plate Holder with Inscription Plate

Size	Plate colour descriptions	Packing (un)	Part Number	Material Number	List price each
(30x50) Holder (27x18) Plate	Red-black (single pushbutton)	5	APP30	10185880	\$ 15
	Transparent (single pushbutton)		APP30T	10185886	\$ 15
(34x83) Holder (27x18) Plate	Red-black (double pushbutton)		APP60	10643837	\$ 20
	Transparent (double pushbutton)		APP60T	10583832	\$ 20

#### Plate Holder without Inscription Plate



Size	Packing (un)	Part Number	Material Number	List price each
30x50	5	PP30	11427388	\$ 15
34x83		PP60	11427391	\$ 15

#### Other Plates



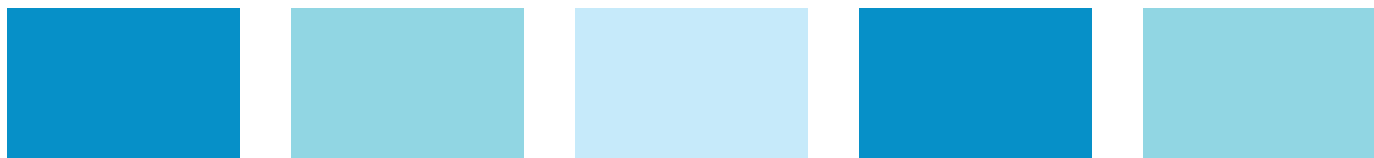
Emergency plate

Idiom	Packing (un)	Part Number	Material Number	List price each
Portuguese	5	APE	10045238	\$ 52
English		APE-02-ENG	11315980	\$ 52

#### Shaft to Reset Pushbtuton



Shaft length	Part Number	Material Number	List price each
Min: 22.5 mm Max: 250 mm	SH250	12470467	\$ 6



# Pushbuttons and Pilot Lights - CSW

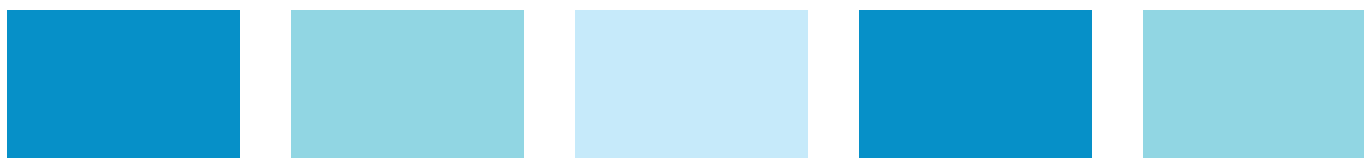
## Accessories for Blue Flange

### Factory Assembled Kits with Plate Holders + Black Plates Printed in White

#### Pushbuttons and Pilot Lights

Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	HAND	APP30-204	11654290	AVANÇO	APP30-215	11654738	\$ 24
	AUTO	APP30-205	11654292	RECUO	APP30-216	11654739	\$ 24
	STOP	APP30-18 <sup>1)</sup>	10186656	LIGA	APP30-125	10212524	\$ 24
	OPEN	APP30-11	10211995	DESLIGA	APP30-120	10212519	\$ 24
	CLOSE	APP30-01	10211988	EM OPERAÇÃO	APP30-123	10212522	\$ 24
	UP	APP30-19	10211999	INICIAR	APP30-217	11654740	\$ 24
	DOWN	APP30-02	10211989	RAPIDO	APP30-218	11654748	\$ 24
	FORWARD	APP30-04	10211990	DEVAGAR	APP30-219	11654751	\$ 24
	REVERSE	APP30-15	10186654	DIREITA	APP30-220	11654755	\$ 24
	ON	APP30-10	10212532	ESQUERDA	APP30-221	11654757	\$ 24
	OFF	APP30-132	10212531	PARADA DE EMERGENCIA	APP30-222	11654756	\$ 24
	POWER ON	APP30-12	10211996	ABAIXAR	APP30-223	11654754	\$ 24
	RESET	APP30-14	10212533	LEVANTAR	APP30-224	11654753	\$ 24
	START	APP30-17	10186655	FALHA	APP30-225	11654752	\$ 24
	RUN	APP30-16	10211998	AUTOMATICA	APP30-226	11654750	\$ 24
	FAST	APP30-206	11654293	ABRIR	APP30-211	11654725	\$ 24
	SLOW	APP30-207	11654294	CERRAR	APP30-228	11654749	\$ 24
	RIGHT	APP30-208	11654721	SUBIR	APP30-229	11654747	\$ 24
	LEFT	APP30-209	11654722	BAJAR	APP30-230	11654746	\$ 24
	INCH	APP30-210	11654724	ADELANTE	APP30-231	11654745	\$ 24
	EMERGENCY STOP	APP30-03 <sup>1)</sup>	10186652	REGRESO	APP30-232	11654744	\$ 24
	JOG	APP30-05	10186653	PARO	APP30-233	11654743	\$ 24
	JOG FORWARD	APP30-06	10211991	MARCHA	APP30-234	11654742	\$ 24
	JOG REVERSE	APP30-07	10211992	RAPIDO	APP30-218	11654748	\$ 24
	LOWER	APP30-08	10211993	DESPACIO	APP30-235	11654741	\$ 24
	RAISE	APP30-13	10211997	DERECHA	APP30-236	11654758	\$ 24
	FAULT	APP30-147	10186991	IZQUIERDA	APP30-237	11654760	\$ 24
	MANUAL	APP30-129	10212528	BAJADA	APP30-238	11654761	\$ 24
	AUTOMÁTICO	APP30-52	10652903	SUBIDA	APP30-239	11654762	\$ 24
	PARADA	APP30-134	10186620	FALLA	APP30-240	11654765	\$ 24
	ABRIR	APP30-211	11654725	O	APP30-201	11654226	\$ 24
	FECHAR	APP30-212	11654723	I	APP30-202	11654227	\$ 24
ACIMA	APP30-213	11654726	II	APP30-203	11654289	\$ 24	
ABAIXO	APP30-214	11654759	-	-	-	\$ 24	

Note: 1) These labels are printed in white on red plates.



## Pushbuttons and Pilot Lights - CSW

### Accessories for Blue Flange

#### Factory Assembled Kits with Plate Holders + Black Plates Printed in White

##### 2 Position Selector Switches

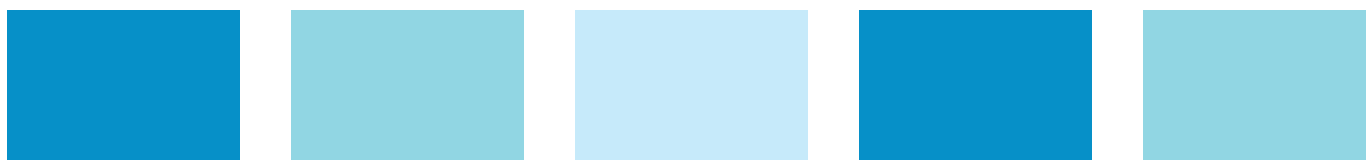
Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	HAND/AUTO	APP30-21	10212001	ADELANTE/REGRESSO	APP30-249	11654913	\$ 24
	START/STOP	APP30-27	10186658	PARO/ARRANQUE	APP30-250	11654914	\$ 24
	FOR/REV	APP30-20	10212000	ABRIR/CERRAR	APP30-251	11654899	\$ 24
	JOG/RUN	APP30-22	10212002	RUN/JOG	APP30-26	10212005	\$ 24
	OFF/ON	APP30-24	10212004	UP/DOWN	APP30-28	10212006	\$ 24
	OPEN/CLOSE	APP30-25	10186657	LIGA/DESLIGA	APP30-243	11654908	\$ 24
	ABRIR/FECHAR	APP30-246	11654863	AVANÇO/RECUO	APP30-244	11654909	\$ 24
	ACIMA/ABAIXO	APP30-247	11654911	-	-	-	\$ 24
	MAN/AUTO	APP30-23	10212003	-	-	-	\$ 24
LIGA/PARO	APP30-248	11654912	-	-	-	\$ 24	

##### 3 Position Selector Switches

Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	FOR/OFF/REV	APP30-30	10186660	ABERTO/O/AUTO	APP30-257	11654901	\$ 24
	MAN/OFF/AUTO	APP30-32	10212007	ABERTO/O/FECHADO	APP30-258	11654902	\$ 24
	OPEN/OFF/AUTO	APP30-33	10212008	SOBE/O/DESCE	APP30-259	11654915	\$ 24
	OPEN/OFF/CLOSE	APP30-34	10212009	AUTO/O/REVERSO	APP30-260	11654916	\$ 24
	UP/OFF/DOWN	APP30-35	10212010	SUBIR/O/REGRESO	APP30-261	11654903	\$ 24
	AUTO/OFF/REVERSE	APP30-254	11654867	AUTO/O/REGRESO	APP30-262	11654917	\$ 24
	AVANÇO/O/RECUO	APP30-255	11654864	I/O/II	APP30-253	11654898	\$ 24
	MANUAL/O/AUTO	APP30-256	11654865	-	-	-	\$ 24

##### 2 Function Pushbuttons

Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	ON/OFF	APP30-36	10186554	ACIMA/ABAIXO	APP30-247	11654911	\$ 24
	OPEN/CLOSE	APP30-37	10212011	LIGA/PARO	APP30-248	11654912	\$ 24
	UP/DOWN	APP30-38	10212012	ABRIR/CERRAR	APP30-251	11654899	\$ 24
	ABRIR/FECHAR	APP30-246	11654863	SUBIR/BAJAR	APP30-252	11654900	\$ 24



# Pushbuttons and Pilot Lights - CSW

## Control Stations PBW



Holes	Cover colour	Part Number	Material Number	List price each
1	Yellow	PBW-1Y	12204334	\$ 36
1	Gray	PBW-1	12204335	\$ 36
2	Gray	PBW-2	12204336	\$ 43
3	Gray	PBW-3	12204337	\$ 49
4	Gray	PBW-4	12204388	\$ 58
6	Gray	PBW-6	12204389	\$ 84

## PBW Line Accessories

### Contact Blocks

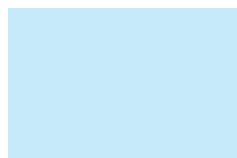


Description	Packing (un)	Part Number	Material Number	List price each
Single (1NO)	10	BC10B-CSW X10	13163057	\$ 66
	1	BC10B-CSW	12174856	\$ 7
Single (1NC)	10	BC01B-CSW X10	13163056	\$ 66
	1	BC01B-CSW	12174857	\$ 7

### Integrated LED Block



Voltage	Colour	Part Number	Material Number	List price each
12 V ac/dc	White	CSW-BIDLB-0E25	12195732	\$ 24
	Red	CSW-BIDLB-1E25	12195737	\$ 24
	Green	CSW-BIDLB-2E25	12195839	\$ 24
	Yellow	CSW-BIDLB-3E25	12195840	\$ 24
	Blue	CSW-BIDLB-4E25	12195842	\$ 24
24 V ac/dc	White	CSW-BIDLB-0E26	12195847	\$ 24
	Red	CSW-BIDLB-1E26	12195918	\$ 24
	Green	CSW-BIDLB-2E26	12195919	\$ 24
	Yellow	CSW-BIDLB-3E26	12195920	\$ 24
	Blue	CSW-BIDLB-4E26	12195921	\$ 24
48 V ac/dc	White	CSW-BIDLB-0E27	12195922	\$ 24
	Red	CSW-BIDLB-1E27	12195923	\$ 24
	Green	CSW-BIDLB-2E27	12195924	\$ 24
	Yellow	CSW-BIDLB-3E27	12195926	\$ 24
	Blue	CSW-BIDLB-4E27	12195948	\$ 24
110-130 V ac/dc	White	CSW-BIDLB-0E10	13899143	\$ 24
	Red	CSW-BIDLB-1E10	13899144	\$ 24
	Green	CSW-BIDLB-2E10	13899146	\$ 24
	Yellow	CSW-BIDLB-3E10	13899147	\$ 24
	Blue	CSW-BIDLB-4E10	13899190	\$ 24
220-240 V ac	White	CSW-BIDLB-0D66	12196008	\$ 24
	Red	CSW-BIDLB-1D66	12196009	\$ 24
	Green	CSW-BIDLB-2D66	12196010	\$ 24
	Yellow	CSW-BIDLB-3D66	12196011	\$ 24
	Blue	CSW-BIDLB-4D66	12196012	\$ 24



# Pushbuttons and Pilot Lights - CSW

## Accessories for Flanges and Control Stations

### Plate without Text



AP30



CAP30

Size	Colour descriptions	Packing (un)	Part Number	Material Number	List price each
27x18	Red-black single plate	5	AP30	10045237	\$ 10
	Transparent single plate		AP30T	10045240	\$ 10
	Set with 10 white plates	15	CAP30	12439346	\$ 92

### Other Plates



Emergency plate

Idiom	Packing (un)	Part Number	Material Number	List price each
Portuguese	5	APEC	13050396	\$ 52
English		APEC-02	13050413	\$ 52
Spanish		APEC-03	13050408	\$ 52

### Pushbutton Protection



For double pushbutton



For flush pushbutton

Description	Packing (un)	Part Number	Material Number	List price each
For flush pushb	5	APBF	10185879	\$ 48
For double push		APBD	10046217	\$ 97
For Pushb BFI & BSI		APBI	10075605	\$ 62
For double pushbutton CSW2-BD		AP2BD	13253639	\$ 97
For triple pushbutton CSW2-BT		AP2BT	13253640	\$ 97

### Miscellaneous

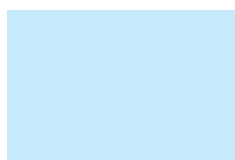


ATR



CSW CAF22

Description	Packing (un)	Part Number	Material Number	List price each
Plug (round)	5	ATR CSW	10185878	\$ 31
Locking ring tool	1	CSW CAF22	13218642	\$ 4
Contact blocks tie	1	CB CSW	13275381	\$ 4
E-stop pushb prot.	1	GBES	13263711	\$ 9
E-stop pushb prot. engraved "Emergencia-Desliga" / Guarnición p/ emerg. grabado "Emergencia-Desliga"	1	GBES-01	13888126	\$ 9
E-stop pushb prot. engraved "Emergency-Stop" / Guarnición p/ emerg. grabado "Emergency-Stop"	1	GBES-02	13888127	\$ 9
E-stop pushb prot. engraved "Emergencia-Paro" / Guarnición p/ emerg. grabado "Emergencia-Paro"	1	GBES-03	13888199	\$ 9





# Pushbuttons and Pilot Lights - CSW

## Accessories for Flanges and Control Stations

### Caps for Pushbuttons (Colour Changing)

Description	Colour	Packing (un)	Part Number	Material Number	List price each
Flush pushbutton	Black	5	ACB5	10045226	\$ 7
	Red		ACB1	10045227	\$ 7
	Green		ACB2	10045228	\$ 7
	Yellow		ACB3	10045229	\$ 7
	Blue		ACB4	10045230	\$ 7
	White		ACB0	10071881	\$ 7
Mushroom 40 mm	Red	5	ACBC1	10071882	\$ 35
	Green		ACBC2	10071883	\$ 35

### Caps to Pushbuttons for Signalling with Specific Symbol Functions

Description	Cap-symbol colour	Function	Packing (un)	Part Number	Material Number	List price each
Flush push button	Red-white	Stop	5	ACB1-30	10045231	\$ 11
	Black-white	Start		ACB5-31	10045232	\$ 11
	Black-white	Rect motion		ACB5-32	10045233	\$ 11
	Black-white	Rot. to right		ACB5-33	10045234	\$ 11
	Black-white	Rot. to left		ACB5-34	10045235	\$ 11
	Black-white	Feeder		ACB5-35	10045236	\$ 11

### Caps to Pushbuttons for Signalling with Specific Symbol Functions

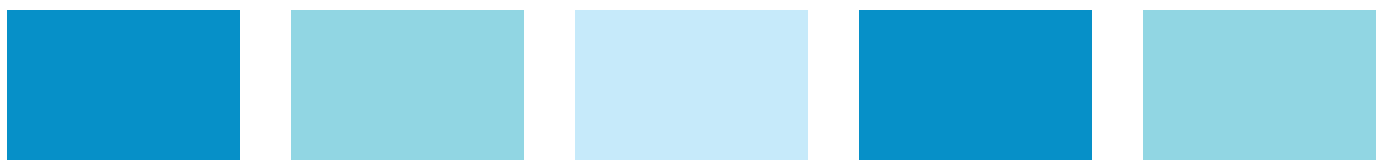
Description	Cap-symbol colour	Function	Packing (un)	Part Number	Material Number	List price each
Illuminated push button	Black-white	Stop	5	ALBI-30	10211962	\$ 14
	Black-white	Start		ALBI-31	10211963	\$ 14
	Black-white	Rect motion		ALBI-32	10211964	\$ 14
	Black-white	Rot. to right		ALBI-33	10211965	\$ 14
	Black-white	Rot. to left		ALBI-34	10211966	\$ 14
	Black-white	Feeder		ALBI-35	10211967	\$ 14

### Diffused Lens for Signalling



ALSD1

Application	Description	Colour	Packing (un)	Part Number	Material Number	List price each
For pilot lights	Diffused	Red	5	ALSD1	10185881	\$ 15
		Green		ALSD2	10185882	\$ 15
		Yellow		ALSD3	10185883	\$ 15
		Blue		ALSD4	10185884	\$ 15
		White		ALSD0	10185885	\$ 15



# Pushbuttons and Pilot Lights - CSW

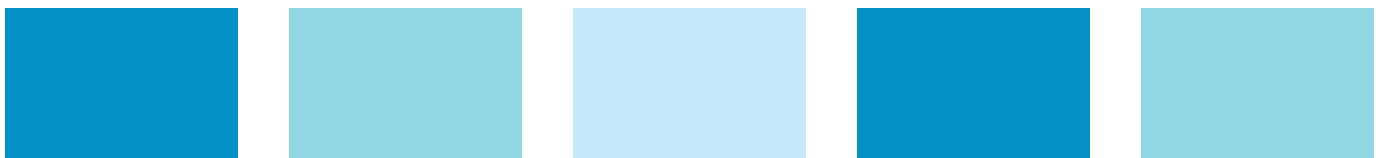
## Accessories for Flanges and Control Stations

### Black Plates Printed in White

#### Pushbuttons and Pilot Lights

Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	HAND	AP30-204	13733139	AVANÇO	AP30-215	13031299	\$ 13
	AUTO	AP30-205	13733140	RECUO	AP30-216	13031300	\$ 13
	STOP	AP30-18 <sup>1)</sup>	13251978	LIGA	AP30-125	12642939	\$ 13
	OPEN	AP30-11	13733120	DESLIGA	AP30-120	12642429	\$ 13
	CLOSE	AP30-01	13733011	EM OPERAÇÃO	AP30-123	13032328	\$ 13
	UP	AP30-19	13733127	INICIAR	AP30-217	Upon request <sup>2)</sup>	\$ 13
	DOWN	AP30-02	13733013	RAPIDO	AP30-218	Upon request <sup>2)</sup>	\$ 13
	FORWARD	AP30-04	13733118	DEVAGAR	AP30-219	Upon request <sup>2)</sup>	\$ 13
	REVERSE	AP30-15	13733125	DIREITA	AP30-220	Upon request <sup>2)</sup>	\$ 13
	ON	AP30-10	13251776	ESQUERDA	AP30-221	Upon request <sup>2)</sup>	\$ 13
	OFF	AP30-132	13724248	PARADA DE EMERGENCIA	AP30-222	12622820	\$ 13
	POWER ON	AP30-12	13733121	ABAIXAR	AP30-223	13733881	\$ 13
	RESET	AP30-14	12642428	LEVANTAR	AP30-224	13733882	\$ 13
	START	AP30-17	13251770	FALHA	AP30-225	13018284	\$ 13
	RUN	AP30-16	13733126	AUTOMATICA	AP30-226	Upon request <sup>2)</sup>	\$ 13
	FAST	AP30-206	13251980	ABRIR	AP30-211	13718112	\$ 13
	SLOW	AP30-207	13251983	CERRAR	AP30-228	Upon request <sup>2)</sup>	\$ 13
	RIGHT	AP30-208	13733143	SUBIR	AP30-229	Upon request <sup>2)</sup>	\$ 13
	LEFT	AP30-209	13733144	BAJAR	AP30-230	Upon request <sup>2)</sup>	\$ 13
	INCH	AP30-210	13733145	ADELANTE	AP30-231	13737828	\$ 13
	EMERGENCY STOP	AP30-03 <sup>1)</sup>	13389166	REGRESO	AP30-232	Upon request <sup>2)</sup>	\$ 13
	JOG	AP30-05	13260233	PARO	AP30-233	Upon request <sup>2)</sup>	\$ 13
	JOG FORWARD	AP30-06	Upon request <sup>2)</sup>	MARCHA	AP30-234	13560410	\$ 13
	JOG REVERSE	AP30-07	Upon request <sup>2)</sup>	RAPIDO	AP30-218	Upon request <sup>2)</sup>	\$ 13
	LOWER	AP30-08	13733119	DESPACIO	AP30-235	Upon request <sup>2)</sup>	\$ 13
	RAISE	AP30-13	13733123	DERECHA	AP30-236	Upon request <sup>2)</sup>	\$ 13
	FAULT	AP30-147	13733124	IZQUIERDA	AP30-237	Upon request <sup>2)</sup>	\$ 13
	MANUAL	AP30-129	13733122	BAJADA	AP30-238	Upon request <sup>2)</sup>	\$ 13
	AUTOMÁTICO	AP30-52	Upon request <sup>2)</sup>	SUBIDA	AP30-239	Upon request <sup>2)</sup>	\$ 13
	PARADA	AP30-134	13316670	FALLA	AP30-240	Upon request <sup>2)</sup>	\$ 13
ABRIR	AP30-211	13718112	O	AP30-201	Upon request <sup>2)</sup>	\$ 13	
FECHAR	AP30-212	Upon request <sup>2)</sup>	I	AP30-202	Upon request <sup>2)</sup>	\$ 13	
ACIMA	AP30-213	Upon request <sup>2)</sup>	II	AP30-203	Upon request <sup>2)</sup>	\$ 13	
ABAIXO	AP30-214	Upon request <sup>2)</sup>	-	-	-	\$ 13	

Note: 1) These labels are printed in white on red plates.



# Pushbuttons and Pilot Lights - CSW

## Accessories for Flanges and Control Stations

### Black Plates Printed in White

#### 2 Position Selector Switches

Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	HAND/AUTO	AP30-21	13724250	ADELANTE/REGRESSO	AP30-249	Upon request <sup>(1)</sup>	\$ 13
	START/STOP	AP30-27	13733200	PARO/ARRANQUE	AP30-250	Upon request <sup>(1)</sup>	\$ 13
	FOR/REV	AP30-20	13733138	ABRIR/CERRAR	AP30-251	Upon request <sup>(1)</sup>	\$ 13
	JOG/RUN	AP30-22	13733146	RUN/JOG	AP30-26	13733199	\$ 13
	OFF/ON	AP30-24	13733147	UP/DOWN	AP30-28	Upon request <sup>(1)</sup>	\$ 13
	OPEN/CLOSE	AP30-25	13733198	LIGA/DESLIGA	AP30-243	12720641	\$ 13
	ABRIR/FECHAR	AP30-246	Upon request <sup>(1)</sup>	AVANÇO/RECUO	AP30-244	Upon request <sup>(1)</sup>	\$ 13
	ACIMA/ABAIXO	AP30-247	Upon request <sup>(1)</sup>	-	-	-	\$ 13
	MAN/AUTO	AP30-23	Upon request <sup>(1)</sup>	-	-	-	\$ 13
	LIGA/PARO	AP30-248	13066500	-	-	-	\$ 13

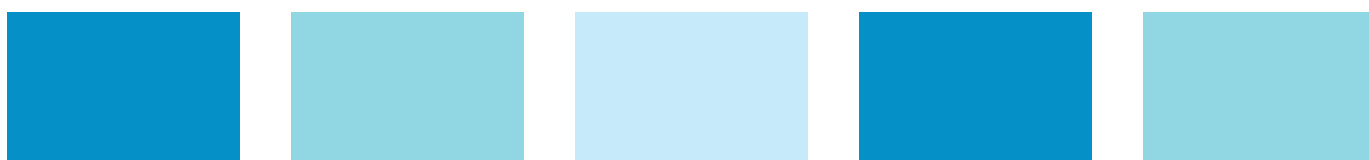
#### 3 Position Selector Switches

Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	FOR/OFF/REV	AP30-30	13733201	ABERTO/O/AUTO	AP30-257	Upon request <sup>(1)</sup>	\$ 13
	MAN/OFF/AUTO	AP30-32	13307785	ABERTO/O/FECHADO	AP30-258	Upon request <sup>(1)</sup>	\$ 13
	OPEN/OFF/AUTO	AP30-33	Upon request <sup>(1)</sup>	SOBE/O/DESCE	AP30-259	Upon request <sup>(1)</sup>	\$ 13
	OPEN/OFF/CLOSE	AP30-34	13733202	AUTO/O/REVERSO	AP30-260	Upon request <sup>(1)</sup>	\$ 13
	UP/OFF/DOWN	AP30-35	Upon request <sup>(1)</sup>	SUBIR/O/REGRESO	AP30-261	Upon request <sup>(1)</sup>	\$ 13
	AUTO/OFF/REVERSE	AP30-254	Upon request <sup>(1)</sup>	AUTO/O/REGRESO	AP30-262	Upon request <sup>(1)</sup>	\$ 13
	AVANÇO/O/RECUO	AP30-255	Upon request <sup>(1)</sup>	I/O/II	AP30-253	Upon request <sup>(1)</sup>	\$ 13
	MANUAL/O/AUTO	AP30-256	13220071	-	-	-	\$ 13

#### 2 Function Pushbuttons

Packing (un)	Label	Part Number	Material Number	Label	Part Number	Material Number	List price each
5	ON/OFF	AP30-36	13066499	ACIMA/ABAIXO	AP30-247	Upon request <sup>(1)</sup>	\$ 13
	OPEN/CLOSE	AP30-37	Upon request <sup>(1)</sup>	LIGA/PARO	AP30-248	13066500	\$ 13
	UP/DOWN	AP30-38	Upon request <sup>(1)</sup>	ABRIR/CERRAR	AP30-251	Upon request <sup>(1)</sup>	\$ 13
	ABRIR/FECHAR	AP30-246	Upon request <sup>(1)</sup>	SUBIR/BAJAR	AP30-252	Upon request <sup>(1)</sup>	\$ 13

Note: Upon request.



# Pushbuttons and Pilot Lights - CSW

## Common Sets - CSW Series<sup>1)</sup>

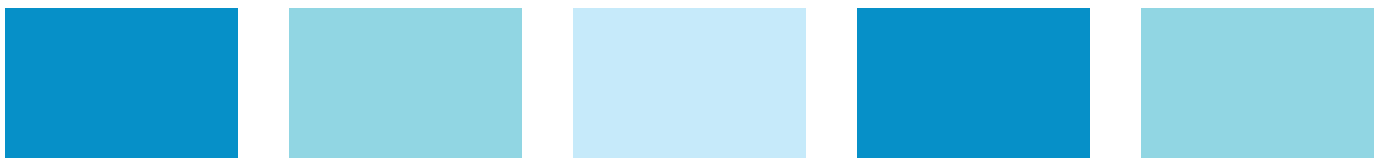
### Pushbuttons

Description	Part Number	Material Number	List price each
Flush ON (black - 1NO)	CSW-BF5-1000000-3VF	12923176	\$ 16
Flush (blue marked "RESET" - 1NO)	CSW-BF437-1000000-3VF	12922280	\$ 17
Flush (blue - 1NO)	CSW-BF4-1000000-3VF	12923199	\$ 16
Flush (yellow - 1NO)	CSW-BF3-1000000-3VF	12930986	\$ 16
Flush (green - 1NO)	CSW-BF2-1000000-3VF	12923177	\$ 16
Flush OFF (red - 1NC)	CSW-BF1-0100000-3VF	12922955	\$ 16
Mushroom ON (green - 1NO)	CSW-BC2-1000000-3VF	12930987	\$ 20
Mushroom OFF (red - 1NC)	CSW-BC1-0100000-3VF	12931019	\$ 20
Emergency stop turn to reset + 3NC self-monitoring	CSW-BESG-00000003-3VF	13312574	\$ 139
Emergency stop turn to reset + 2NC self-monitoring	CSW-BESG-00000002-3VF	13312575	\$ 99
Emergency stop turn to reset + 1NC self-monitoring	CSW-BESG-00000001-3VF	13278311	\$ 60
Emergency stop pull to reset + 1NC self-monitoring	CSW-BESP-00000001-3VF	13278309	\$ 60
Double IP40 (green marked "I"/ red marked "O" - 1NO + 1NC)	CSW-BD-1100000-3VF	12923175	\$ 33
Double IP66 (green marked "I"/ red marked "O" - 1NO + 1NC)	CSW2-BDF21IO-1100000-3VF	12756198	\$ 36
Emergency stop turn to reset + 1NC	CSW-BESG-0100000-3VF	12922954	\$ 27
Emergency stop pull to reset + 1NC	CSW-BESP-0100000-3VF	12931118	\$ 27

### Pushbuttons with Control Station

PBW control station	Pushbuttons	Contact blocks	Plate AP30	Part Number	Material Number	List price each
Yellow - 1 hole	Emergency stop CSW-BESG	1NO + 1NC	Red engraved "emergency stop"	PBW1Y-G11 V03	12979191	\$ 69
Yellow - 1 hole	Emergency stop CSW-BESGS	1NC	Black engraved "parada de emergencia"	PBW1Y-GS01 P222	12824904	\$ 67
Yellow - 1 hole	Emergency stop CSW-BESGM	1NO + 1NC	Red engraved "emergency stop"	PBW1Y-GM11V03	13232101	\$ 72
Yellow - 1 hole	Emergency stop CSW-BESGM	1NO + 2NC	Red engraved "emergency stop"	PBW1Y-GM12V03	13232498	\$ 79

Note: 1) Other configurations on request.



# Pushbuttons and Pilot Lights - CSW

## Common Sets - CSW Series<sup>1)</sup>

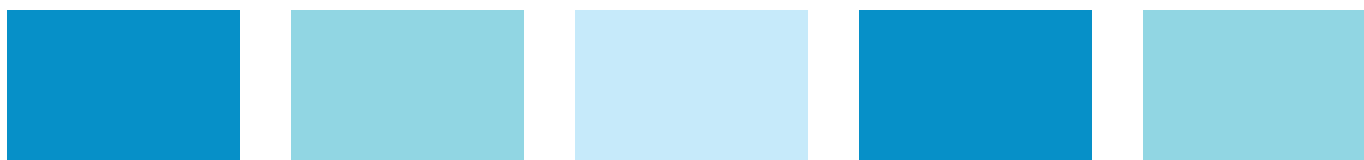
### Illuminated Pushbutton

Description	Part Number	Material Number	List price each
Double IP40 (green marked "I"/ red marked "O" - 1NO+1NC- LED 220-240 V ac)	CSW-BD-11000000-FD661-3VF	12923174	\$ 55
Double IP40 (green marked "I"/ red marked "O" - 1NO+1NC- LED 110-130 V ac)	CSW-BD-11000000-FE101-3VF	12931024	\$ 55
Double IP40 (green marked "I"/ red marked "O" - 1NO+1NC- LED 24 V ac / V dc)	CSW-BD-11000000-FE261-3VF	12931058	\$ 55
Double IP66 (green marked "I"/ red marked "O" - 1NO+1NC- LED 220-240 V ac)	CSW2-BDFI21I0-11000000-FD661-3VF	12931201	\$ 59
Flush red with LED 220-240 V ac (1NC)	CSW-BF1-01000000-FD66-3VF	12931064	\$ 45
Flush red with LED 24 V dc / V ac (1NC)	CSW-BF1-01000000-FE26-3VF	12931066	\$ 45
Flush green with LED 220-240 V ac (1NO)	CSW-BF2-10000000-FD66-3VF	12931067	\$ 45
Flush green with LED 24 V dc / V ac (1NO)	CSW-BF2-10000000-FE26-3VF	12931090	\$ 45
Flush yellow with LED 24 V dc / V ac (1NO)	CSW-BF3-10000000-FE26-3VF	12931092	\$ 45
Flush blue with LED 24 V dc / V ac (1NO)	CSW-BF4-10000000-FE26-3VF	12931093	\$ 45
Extended green with LED 220-240 V ac (1NO)	CSW-BSI2-10000000-FD66-3VF	12931094	\$ 44

### Selector Switches

Description	Part Number	Material Number	List price each
Knob switch 2 fixed positions 45° - (1NO)	CSW-CK2F45-10000000-3VF	12923170	\$ 29
Knob switch 2 fixed positions 90° - (1NO + 1NC)	CSW-CK2F90-11000000-3VF	12923198	\$ 35
Knob switch 2 fixed positions 90° - (1NO)	CSW-CK2F90-10000000-3VF	12923253	\$ 29
Knob switch 2 fixed positions 90° - (2NO)	CSW-CK2F90-20000000-3VF	12931095	\$ 35
Knob switch 2 fixed positions 45° - (1NO + 1NC)	CSW-CK2F45-11000000-3VF	12931096	\$ 35
Knob 3 positions 45° with return - (2NO)	CSW-CK3R45-20000000-3VF	12923020	\$ 35
Knob 3 fixed positions 45° - (2NO)	CSW-CK3F45-20000000-3VF	12923168	\$ 35
Lever switch 2 fixed positions 45° - (1NO)	CSW-CA2F45-10000000-3VF	12931119	\$ 30
Lever switch 3 fixed positions 45° - (2NO)	CSW-CA3F45-20000000-3VF	12931120	\$ 36

Note: 1) Other configurations on request.



# Pushbuttons and Pilot Lights - CSW

## Common Sets - CSW Series<sup>1)</sup>

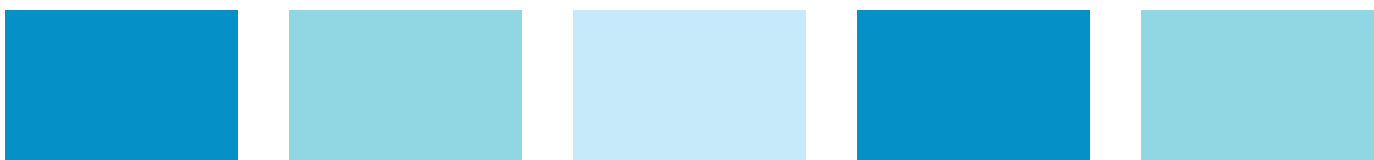
### Illuminated Selector Switches

Description	Part Number	Material Number	List price each
Red knob 2 fixed pos with LED 220-240 V ac (1NO)	CSW-CKI2F901-10000000-FD66-3VF	12930906	\$ 43
Green knob 2 fixed pos with LED 220-240 V ac (1NO)	CSW-CKI2F902-10000000-FD66-3VF	12930907	\$ 43
Green knob 2 fixed pos with LED 110-130 V ac (1NO)	CSW-CKI2F902-10000000-FE10-3VF	12930958	\$ 43
Red knob 2 fixed pos with LED 110-130 V ac (1NO)	CSW-CKI2F901-10000000-FE10-3VF	12930960	\$ 43
Red knob 2 fixed pos with LED 220-240 V ac (2NO)	CSW-CKI2F901-20000000-FD66-3VF	12930961	\$ 50
Red knob 2 fixed pos with LED 24 V ac/dc (1NO)	CSW-CKI2F901-10000000-FE26-3VF	12930962	\$ 43
Red knob 2 fixed pos with LED 220-240 V ac (1NC)	CSW-CKI2F901-01000000-FD66-3VF	12930964	\$ 43
Green knob 2 fixed pos with LED 24 V ac/dc (1NO)	CSW-CKI2F902-10000000-FE26-3VF	12930965	\$ 43
Red knob 3 fixed pos with LED 110-130 V ac (2NO)	CSW-CKI3F451-20000000-FE10-3VF	12930980	\$ 50
Green knob 3 fixed pos with LED 110-130 V ac (2NO)	CSW-CKI3F452-20000000-FE10-3VF	12930981	\$ 50
Green knob 3 fixed pos with LED 24 V ac/dc (2NO)	CSW-CKI3F452-20000000-FE26-3VF	12930982	\$ 50
Red knob 3 fixed pos with LED 220-240 V ac (1NO + 1NC)	CSW-CKI3R451-11000000-FD66-3VF	12930983	\$ 50
Red knob 3 fixed pos with LED 220-240 V ac (2NO)	CSW-CKI3F451-20000000-FD66-3VF	12930984	\$ 50
Green knob 3 fixed pos with LED 220-240 V ac (2NO)	CSW-CKI3F452-20000000-FD66-3VF	12930985	\$ 50

### Signalling

Description	Part Number	Material Number	List price each
Pilot light white with LED 24 V ac/dc	CSW-SD0-FE26-3VF	12930828	\$ 37
Pilot light red with LED 24 V ac/dc	CSW-SD1-FE26-3VF	12930829	\$ 37
Pilot light green with LED 24 V ac/dc	CSW-SD2-FE26-3VF	12930830	\$ 37
Pilot light yellow with LED 24 V ac/dc	CSW-SD3-FE26-3VF	12930831	\$ 37
Pilot light blue with LED 24 V ac/dc	CSW-SD4-FE26-3VF	12930832	\$ 37
Pilot light orange with LED 24 V ac/dc	CSW-SD6-FE26-3VF	12930833	\$ 37
Pilot light white with LED 48 V ac/dc	CSW-SD0-FE27-3VF	12930834	\$ 37
Pilot light red with LED 48 V ac/dc	CSW-SD1-FE27-3VF	12930835	\$ 37
Pilot light green with LED 48 V ac/dc	CSW-SD2-FE27-3VF	12930836	\$ 37
Pilot light yellow with LED 48 V ac/dc	CSW-SD3-FE27-3VF	12930837	\$ 37
Pilot light blue with LED 48 V ac/dc	CSW-SD4-FE27-3VF	12930878	\$ 37
Pilot light orange with LED 48 V ac/dc	CSW-SD6-FE27-3VF	12930879	\$ 37
Pilot light white with LED 110-130 V ac/dc	CSW-SD0-FE10-3VF	12930880	\$ 37
Pilot light red with LED 110-130 V ac/dc	CSW-SD1-FE10-3VF	12930881	\$ 37
Pilot light green with LED 110-130 V ac/dc	CSW-SD2-FE10-3VF	12930882	\$ 37
Pilot light yellow with LED 110-130 V ac/dc	CSW-SD3-FE10-3VF	12930883	\$ 37
Pilot light blue with LED 110-130 V ac/dc	CSW-SD4-FE10-3VF	12930884	\$ 37
Pilot light orange with LED 110-130 V ac/dc	CSW-SD6-FE10-3VF	12930885	\$ 37
Pilot light white with LED 220-240 V ac	CSW-SD0-FD66-3VF	12930902	\$ 37
Pilot light red with LED 220-240 V ac	CSW-SD1-FD66-3VF	12923060	\$ 37
Pilot light green with LED 220-240 V ac	CSW-SD2-FD66-3VF	12923059	\$ 37
Pilot light yellow with LED 220-240 V ac	CSW-SD3-FD66-3VF	12930903	\$ 37
Pilot light blue with LED 220-240 V ac	CSW-SD4-FD66-3VF	12930904	\$ 37
Pilot light orange with LED 220-240 V ac	CSW-SD6-FD66-3VF	12930905	\$ 37

Note: 1) Other configurations on request.







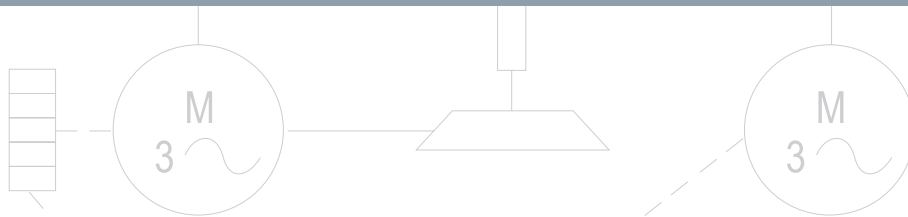
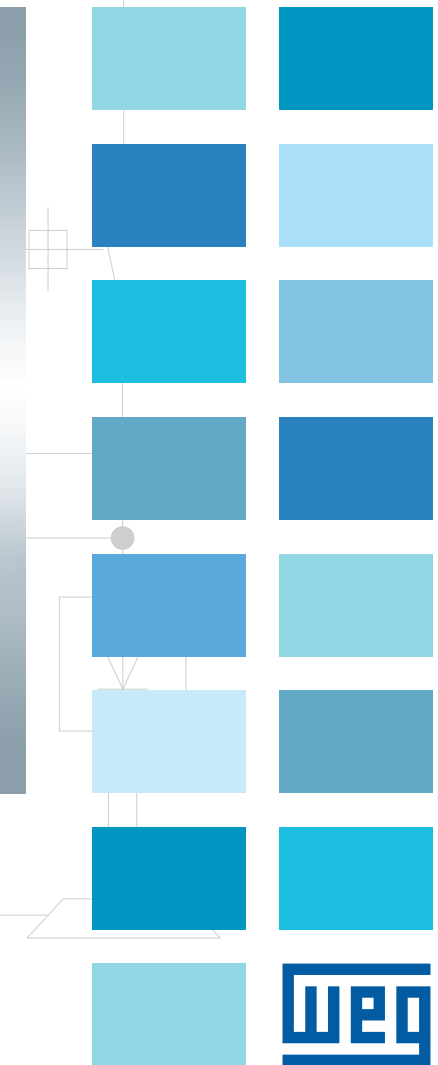






# Automation

## Book 3 - Circuit Protection



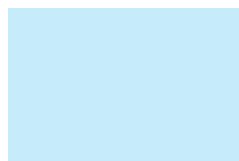
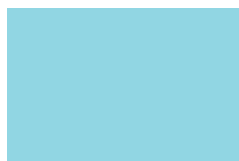
**PAMENSKY**





# Summary

MCCB for Power Distribution 80% Rated.....	3-4	1
MCCB for Power Distribution 100% Rated.....	3-8	
Internal Accessories.....	3-12	
External Accessories.....	3-13	
3-Pole Air Circuit Breakers.....	3-16	
4-Pole Air Circuit Breakers.....	3-18	
Factory Assembled Supplied Accessories.....	3-20	
User Assembled Accessories.....	3-22	2
Semiconductor Short-Circuit Protection Fuse - aR Fuse Type Flush-End.....	3-24	
aR Fuses Type Flush-End - Accessories.....	3-24	
Panel Door Mounting Switch-Disconnectors and Accessories - MSW.....	3-25	
Base Mounting Switch-Disconnectors and Accessories - MSW.....	3-27	



## Molded Case Circuit Breaker - DWB UL 489 Listed

### MCCB for Power Distribution 80% Rated

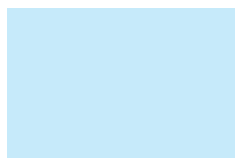


#### DWB100CE - Fixed Thermal and Fixed Magnetic - 80% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
20	250	35 kA	10 kA	DWB100CE20-3DX	12736031	\$ 297
25	250			DWB100CE25-3DX	12736032	\$ 297
30	300			DWB100CE30-3DX	12736034	\$ 297
40	400			DWB100CE40-3DX	12736035	\$ 297
50	500			DWB100CE50-3DX	12736037	\$ 297
60	600			DWB100CE60-3DX	12736098	\$ 297
70	700			DWB100CE70-3DX	12736099	\$ 297
80	800			DWB100CE80-3DX	12736100	\$ 297
90	900			DWB100CE90-3DX	12736101	\$ 297
100	1,000			DWB100CE100-3DX	12736102	\$ 297

#### DWB100JE - Fixed Thermal and Fixed Magnetic - 80% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
20	250	50 kA	14 kA	DWB100JE20-3DX	12736103	\$ 326
25	250			DWB100JE25-3DX	12736104	\$ 326
30	300			DWB100JE30-3DX	12736105	\$ 326
40	400			DWB100JE40-3DX	12736106	\$ 326
50	500			DWB100JE50-3DX	12736118	\$ 326
60	600			DWB100JE60-3DX	12736119	\$ 326
70	700			DWB100JE70-3DX	12736120	\$ 326
80	800			DWB100JE80-3DX	12736121	\$ 326
90	900			DWB100JE90-3DX	12736122	\$ 326
100	1,000			DWB100JE100-3DX	12736123	\$ 326



# Molded Case Circuit Breaker - DWB UL 489 Listed

## MCCB for Power Distribution 80% Rated

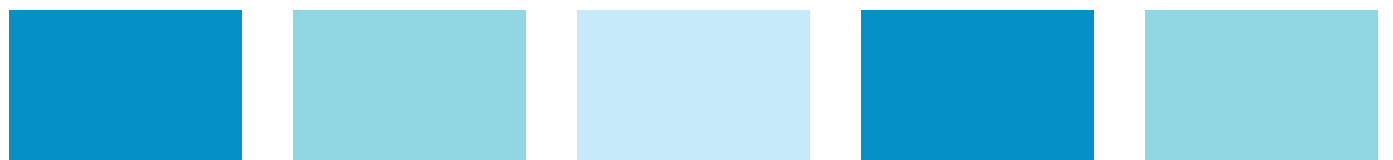


### DWB250JE - Adjustable Thermal and Fixed Magnetic - 80% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
80...100	1,000	50 kA	14 kA	DWB250JE100-3DF	12736124	\$ 505
100...125	1,250			DWB250JE125-3DF	12736125	\$ 505
120...150	1,500			DWB250JE150-3DF	12736126	\$ 584
160...200	2,000			DWB250JE200-3DF	12736127	\$ 584
200...250	2,500			DWB250JE250-3DF	12736148	\$ 584

### DWB250PE - Adjustable Thermal and Fixed Magnetic - 80% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
80...100	1,000	80 kA	35 kA	DWB250PE100-3DF	12736149	\$ 546
100...125	1,250			DWB250PE125-3DF	12736150	\$ 546
120...150	1,500			DWB250PE150-3DF	12736151	\$ 632
160...200	2,000			DWB250PE200-3DF	12736153	\$ 632
200...250	2,500			DWB250PE250-3DF	12736154	\$ 632



## Molded Case Circuit Breaker - DWB UL 489 Listed

### MCCB for Power Distribution 80% Rated

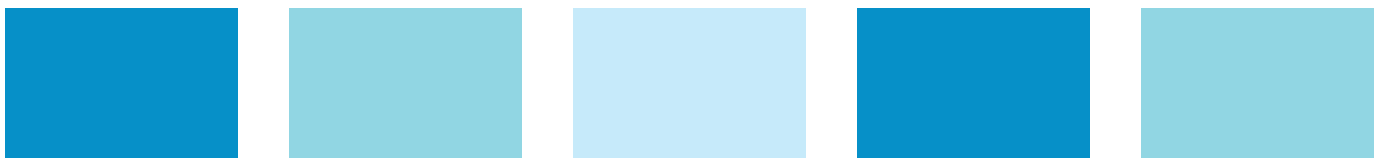


#### DWB400JE - Adjustable Thermal and Magnetic - 80% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
160...200	1600...2000	50 kA	18 kA	DWB400JE200-3DA	13303392	\$ 1,125
180...225	1800...2250			DWB400JE225-3DA	13303377	\$ 1,125
200...250	2000...2500			DWB400JE250-3DA	13303372	\$ 1,125
220...275	2200...2750			DWB400JE275-3DA	13303368	\$ 1,125
240...300	2400...3000			DWB400JE300-3DA	13303351	\$ 1,125
260...325	2600...3250			DWB400JE325-3DA	13303345	\$ 1,125
280...350	2800...3500			DWB400JE350-3DA	13303340	\$ 1,125
320...400	3200...4000			DWB400JE400-3DA	13303326	\$ 1,125

#### DWB400PE - Adjustable Thermal and Magnetic - 80% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
160...200	1600...2000	100 kA	35 kA	DWB400PE200-3DA	13303394	\$ 1,184
180...225	1800...2250			DWB400PE225-3DA	13303390	\$ 1,184
200...250	2000...2500			DWB400PE250-3DA	13303375	\$ 1,184
220...275	2200...2750			DWB400PE275-3DA	13303370	\$ 1,184
240...300	2400...3000			DWB400PE300-3DA	13303354	\$ 1,184
260...325	2600...3250			DWB400PE325-3DA	13303348	\$ 1,184
280...350	2800...3500			DWB400PE350-3DA	13303343	\$ 1,184
320...400	3200...4000			DWB400PE400-3DA	13303338	\$ 1,184





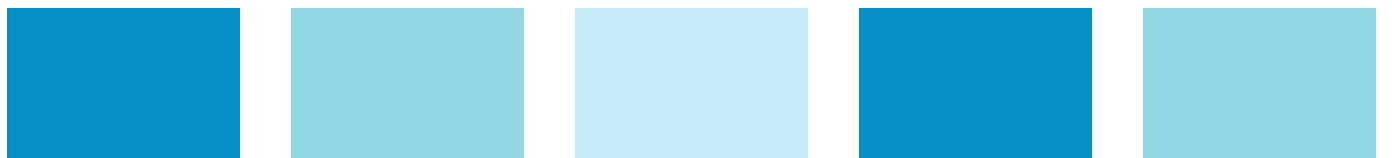
# Molded Case Circuit Breaker - DWB UL 489 Listed

## MCCB for Power Distribution 80% Rated



### DWB600PE - Adjustable Thermal and Magnetic - 80% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
228...325	2280...3250	65 kA	35 kA	DWB600PE325-3DA	14196481	\$ 2,203
245...350	2450...3500			DWB600PE350-3DA	14196482	\$ 2,203
280...400	2800...4000			DWB600PE400-3DA	14196483	\$ 2,203
315...450	3150...4500			DWB600PE450-3DA	14196484	\$ 2,203
350...500	3500...5000			DWB600PE500-3DA	14196485	\$ 2,203
385...550	3850...5500			DWB600PE550-3DA	14196486	\$ 2,023
420...600	4200...6000			DWB600PE600-3DA	14196487	\$ 2,203



# Molded Case Circuit Breaker - DWB UL 489 Listed

## MCCB for Power Distribution 100% Rated

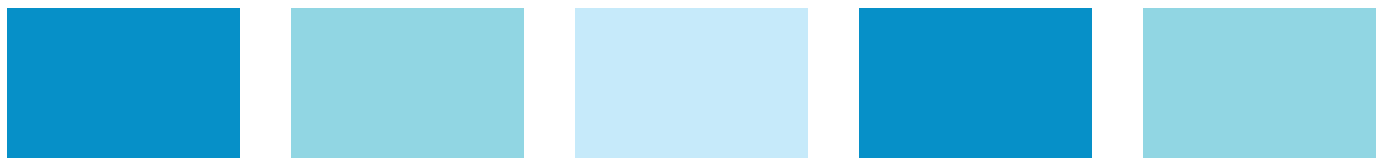


### DWB100CH - Fixed Thermal and Fixed Magnetic - 100% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
20	250	35 kA	10 kA	DWB100CH20-3DX	12736155	\$ 317
25	250			DWB100CH25-3DX	12736156	\$ 317
30	300			DWB100CH30-3DX	12736157	\$ 317
40	400			DWB100CH40-3DX	12736168	\$ 317
50	500			DWB100CH50-3DX	12736169	\$ 317
60	600			DWB100CH60-3DX	12736170	\$ 317
70	700			DWB100CH70-3DX	12736171	\$ 317
80	800			DWB100CH80-3DX	12736172	\$ 317
90	900			DWB100CH90-3DX	12736173	\$ 317
100	1,000			DWB100CH100-3DX	12736174	\$ 317

### DWB100JH - Fixed Thermal and Fixed Magnetic - 100% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
20	250	50 kA	14 kA	DWB100JH20-3DX	12736175	\$ 349
25	250			DWB100JH25-3DX	12736176	\$ 349
30	300			DWB100JH30-3DX	12736177	\$ 349
40	400			DWB100JH40-3DX	12736188	\$ 349
50	500			DWB100JH50-3DX	12736189	\$ 349
60	600			DWB100JH60-3DX	12736190	\$ 349
70	700			DWB100JH70-3DX	12736191	\$ 349
80	800			DWB100JH80-3DX	12736192	\$ 349
90	900			DWB100JH90-3DX	12736193	\$ 349
100	1,000			DWB100JH100-3DX	12736194	\$ 349



# Molded Case Circuit Breaker - DWB UL 489 Listed

## MCCB for Power Distribution 100% Rated

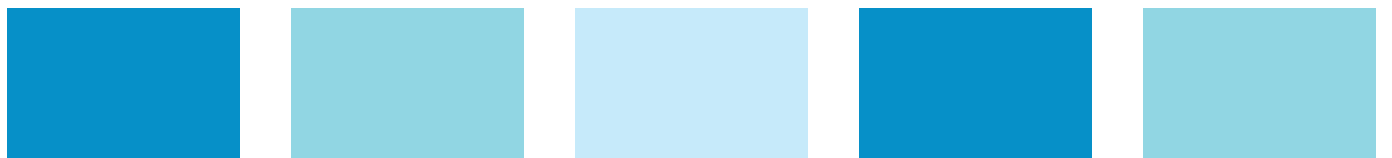


### DWB250JH - Adjustable Thermal and Fixed Magnetic - 100% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
80...100	1,000	50 kA	14 kA	DWB250JH100-3DF	12736195	\$ 540
100...125	1,250			DWB250JH125-3DF	12736196	\$ 540
120...150	1,500			DWB250JH150-3DF	12736197	\$ 625
160...200	2,000			DWB250JH200-3DF	12736228	\$ 625
200...250	2,500			DWB250JH250-3DF	12736229	\$ 625

### DWB250PH - Adjustable Thermal and Fixed Magnetic - 100% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
80...100	1,000	80 kA	35 kA	DWB250PH100-3DF	12736230	\$ 585
100...125	1,250			DWB250PH125-3DF	12736231	\$ 585
120...150	1,500			DWB250PH150-3DF	12736232	\$ 677
160...200	2,000			DWB250PH200-3DF	12736233	\$ 677
200...250	2,500			DWB250PH250-3DF	12736235	\$ 677



# Molded Case Circuit Breaker - DWB UL 489 Listed

## MCCB for Power Distribution 100% Rated

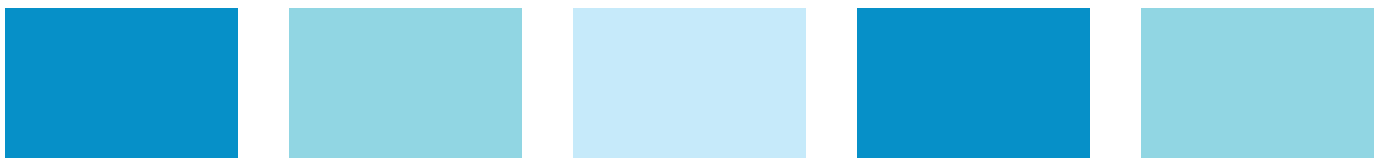


### DWB400JH - Adjustable Thermal and Magnetic - 100% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
160...200	1600...2000	50 kA	18 kA	DWB400JH200-3DA	13303391	\$ 1,204
180...225	1800...2250			DWB400JH225-3DA	13303376	\$ 1,204
200...250	2000...2500			DWB400JH250-3DA	13303371	\$ 1,204
220...275	2200...2750			DWB400JH275-3DA	13303355	\$ 1,204
240...300	2400...3000			DWB400JH300-3DA	13303350	\$ 1,204
260...325	2600...3250			DWB400JH325-3DA	13303344	\$ 1,204
280...350	2800...3500			DWB400JH350-3DA	13303339	\$ 1,204
320...400	3200...4000			DWB400JH400-3DA	13303324	\$ 1,204

### DWB400PH - Adjustable Thermal and Magnetic - 100% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
160...200	1600...2000	100 kA	35 kA	DWB400PH200-3DA	13303393	\$ 1,267
180...225	1800...2250			DWB400PH225-3DA	13303389	\$ 1,267
200...250	2000...2500			DWB400PH250-3DA	13303374	\$ 1,267
220...275	2200...2750			DWB400PH275-3DA	13303369	\$ 1,267
240...300	2400...3000			DWB400PH300-3DA	13303353	\$ 1,267
260...325	2600...3250			DWB400PH325-3DA	13303346	\$ 1,267
280...350	2800...3500			DWB400PH350-3DA	13303342	\$ 1,267
320...400	3200...4000			DWB400PH400-3DA	13303327	\$ 1,267



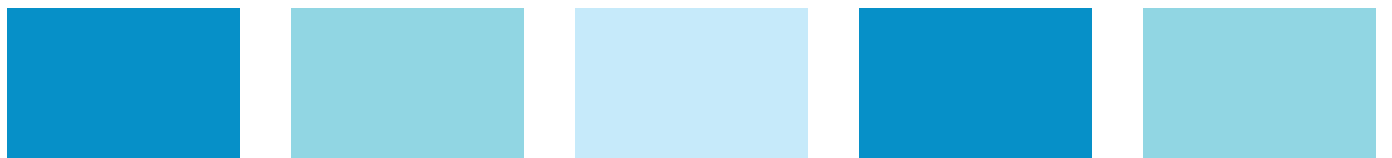
# Molded Case Circuit Breaker - DWB UL 489 Listed

## MCCB for Power Distribution 100% Rated



### DWB600PH - Adjustable Thermal and Magnetic - 100% Rated

Thermal setting (A)	Magnetic setting (A)	Short-circuit interrupting capacity		Part Number	Material Number	List price each
		240 V ac	480 V ac			
228...325	2280...3250	65 kA	35 kA	DWB600PH325-3DA	14196528	\$ 2,357
245...350	2450...3500			DWB600PH350-3DA	14196529	\$ 2,357
280...400	2800...4000			DWB600PH400-3DA	14196530	\$ 2,357
315...450	3150...4500			DWB600PH450-3DA	14196531	\$ 2,357
350...500	3500...5000			DWB600PH500-3DA	14196532	\$ 2,357
385...550	3850...5500			DWB600PH550-3DA	14196533	\$ 2,357
420...600	4200...6000			DWB600PH600-3DA	14196534	\$ 2,357



## Molded Case Circuit Breaker - DWB UL 489 Listed

### Internal Accessories



#### Auxiliary Contact

Circuit-breaker	Contact	Part Number	Material Number	List price each
DWB160-400	1C0	BC-1 DWB	10848664	\$ 11
DWB160-400	2C0	BC-2 DWB	11026395	\$ 70

#### Alarm Contact

Circuit-breaker	Contact	Part Number	Material Number	List price each
DWB160-400	1C0	AL-1 DWB	11026397	\$ 37

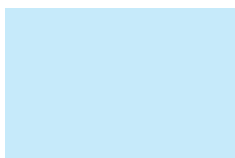
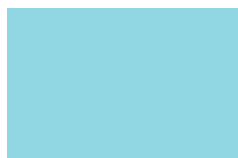
#### Auxiliary Contact + Alarm Contact

Circuit-breaker	Contact	Part Number	Material Number	List price each
DWB160-400	1AX + 1 AL	BCAL-2 DWB	11026396	\$ 81

### Shunt Release



Circuit-breaker	Voltage	Part Number	Material Number	List price each
DWB160-250	24 V ac/dc	BD DWB160-250 E26	11338271	\$ 110
DWB160-250	48 V ac/dc	BD DWB160-250 E27	11338248	\$ 110
DWB160-250	110-130 V ac/dc	BD DWB160-250 E10	11338254	\$ 110
DWB160-250	220-250 V ac/dc	BD DWB160-250 E15	10850989	\$ 110
DWB400	24 V ac/dc	BD DWB400 E26	12687485	\$ 110
DWB400	48 V ac/dc	BD DWB400 E27	12687486	\$ 110
DWB400	110-130 V ac/dc	BD DWB400 E10	12687482	\$ 110
DWB400	220-250 V ac/dc	BD DWB400 E15	12687483	\$ 110
DWB600	24 V ac/dc	BD DWB800-1000 E26	13421393	\$ 191
DWB600	48 V ac/dc	BD DWB800-1000 E27	13421394	\$ 191
DWB600	110-130 V ac/dc	BD DWB800-1000 E10	13421391	\$ 191
DWB600	220-250 V ac/dc	BD DWB800-1000 E15	13421392	\$ 191



## Molded Case Circuit Breaker - DWB UL 489 Listed

### Internal Accessories

#### Undervoltage Coil

Circuit-breaker	Voltage	Part Number	Material Number	List price each
DWB160-250	24 V ac/dc	BS DWB160-250 E26	11338330	\$ 155
DWB160-250	48 V ac/dc	BS DWB160-250 E27	11338318	\$ 155
DWB160-250	110-130 V ac/dc	BS DWB160-250 E10	11338324	\$ 155
DWB160-250	220-250 V ac/dc	BS DWB160-250 E15	10853866	\$ 155
DWB400	110-127 V ac	BS DWB400 D60	12687427	\$ 170
DWB400	220-240 V ac	BS DWB400 D66	12687479	\$ 170
DWB400	380-415 V ac	BS DWB400 D70	12687480	\$ 170
DWB400	440-480 V ac	BS DWB400 D74	12687481	\$ 170
DWB400	12 V dc	BS DWB400 C02	12687424	\$ 170
DWB400	24 V dc	BS DWB400 C03	12687425	\$ 170
DWB400	48 V dc	BS DWB400 C07	12687426	\$ 170
DWB600	110-127 V ac	BS DWB800-1000 D60	13421493	\$ 207
DWB600	220-240 V ac	BS DWB800-1000 D66	13421489	\$ 207
DWB600	380-415 V ac	BS DWB800-1000 D70	13421495	\$ 207
DWB600	440-480 V ac	BS DWB800-1000 D74	13421496	\$ 207
DWB600	24 V dc	BS DWB800-1000 C03	13421490	\$ 207
DWB600	48 V dc	BS DWB800-1000 C07	13421491	\$ 207
DWB600	125 V dc	BS DWB800-1000 C13	13421492	\$ 207

### External Accessories

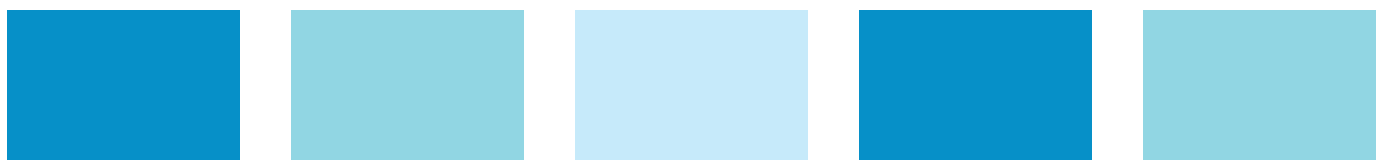
#### Pad Lock



Circuit-breaker	Part Number	Material Number	List price each
DWB160	PL DWB160 3P	11217445	\$ 47
DWB250	PL DWB250	11640142	\$ 52
DWB400	PL DWB400	11217482	\$ 89
DWB600	PL DWB800-1600	13471813	\$ 97

#### Shaft Bracket for DWB Rotary Handles

Circuit-breaker	Part Number	Material Number	List price each
DWB400	SHMR DWB400	Under request	\$ 26
DWB600	SHMR DWB600-1600	Under request	\$ 29



## Molded Case Circuit Breaker - DWB UL 489 Listed

### External Accessories

#### Mechanical Interlock



Circuit-breaker	Part Number	Material Number	List price each
DWB160	BLIM DWB160 3P	11639815	\$ 247
DWB250	BLIM DWB250 3P	11639817	\$ 276
DWB400	BLIM DWB400 3P	12729996	\$ 276
DWB600	BLIM DWB800-1600 3P	13471814	\$ 205

#### DIN Rail Base

Circuit-breaker	Part Number	Material Number	List price each
DWB160	BFR DWB160 3P UL	12730040	\$ 16

#### Escutcheons



Circuit-breaker	Part Number	Material Number	List price each
DWB160	MP DWB160	11338525	\$ 6
DWB250	MP DWB250	11338526	\$ 10
DWB400	MP DWB400	12730041	\$ 10
DWB600	MP DWB800-1600	13471876	\$ 10

#### Wiring Terminal (or Lugs)



Circuit-breaker	Part Number	Material Number	List price each
Set with 3 pieces			
DWB250	PC DWB250 3P	11277469	\$ 60
DWB400	PC DWB400 3P	12730047	\$ 86
DWB600	PC DWB800-1000	13471871	\$ 149



# Molded Case Circuit Breaker - DWB UL 489 Listed

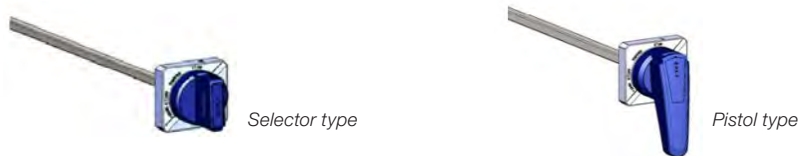
## External Accessories

### Rotary Handle MRX - UL Type 4X Complete Set



Part Number	Circuit-breaker	Handle (mm)	Shaft (mm)	Material Number	List price each
MRXS-A-DWB160-BU	DWB160	Selector	460	13624517	\$ 213
MRXS-A-DWB160-R	DWB160	Selector	460	13624516	\$ 213
MRXS-A-DWB250-BU	DWB250	Selector	460	13624550	\$ 213
MRXS-A-DWB250-R	DWB250	Selector	460	13624549	\$ 213
MRXL-A-DWB160-BU	DWB160	Pistol (105)	460	13624553	\$ 227
MRXL-A-DWB160-R	DWB160	Pistol (105)	460	13624551	\$ 227
MRXL-A-DWB250-BU	DWB250	Pistol (105)	460	13624611	\$ 227
MRXL-A-DWB250-R	DWB250	Pistol (105)	460	13624610	\$ 227
MRXL-A-DWB400-BU	DWB400	Pistol (105)	460	13624613	\$ 233
MRXL-A-DWB400-R	DWB400	Pistol (105)	460	13624612	\$ 233
MRXL-A-DWB1000-BU	DWB600	Pistol (158)	460	13624617	\$ 262
MRXL-A-DWB1000-R	DWB600	Pistol (158)	460	13624616	\$ 262

### Rotary Handle MRX - UL Type 4X Handle + Shaft



Part Number	Circuit-breaker	Handle (mm)	Shaft (mm)	Material Number	List price each
MRXS-B-1-BU	DWB160 / DWB250	Selector	460	13624632	\$ 111
MRXS-B-1-R	DWB160 / DWB250	Selector	460	13624630	\$ 111
MRXL-B-2-BU	DWB160 / DWB250	Pistol (105)	460	13624634	\$ 126
MRXL-B-2-R	DWB160 / DWB250	Pistol (105)	460	13624633	\$ 126
MRXL-B-3-BU	DWB400	Pistol (105)	460	13624636	\$ 131
MRXL-B-3-R	DWB400	Pistol (105)	460	13624635	\$ 131
MRXL-B-4-BU	DWB600	Pistol (158)	460	13624661	\$ 146
MRXL-B-4-R	DWB600	Pistol (158)	460	13624660	\$ 146

### Rotary Handle MRX - UL Type 4X Mechanism



Part Number	Circuit-breaker	Material Number	List price each
MRH DWB160	DWB160	13624244	\$ 102
MRH DWB250	DWB250	13624246	\$ 102
MRH DWB400	DWB400	13624247	\$ 102
MRH DWB1000	DWB600	13624278	\$ 117

# Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

## 3-Pole Air Circuit Breakers

### Fixed Tripolar + Opening and Closing Coils 200...250 V ac/dc<sup>1)</sup>



Part Number	I <sub>n</sub> (A)	Prot. Part Number	Frame	I <sub>cs</sub> (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN3-16AZ▲ F-A0220	640 - 1,600	LSIG	16	65	11286646	11403391	\$ 12,827
ABW20ES3-20AZ▲ F-A0220	800 - 2,000	LSIG	20...32	85	11293779	11447021	\$ 15,102
ABW25ES3-25AZ▲ F-A0220	1,000 - 2,500	LSIG	20...32	85	11294620	11447024	\$ 19,477
ABW32ES3-32AZ▲ F-A0220	1,280 - 3,200	LSIG	20...32	85	11294626	11399003	\$ 25,202
ABW40FS3-40AZ▲ F-A0220	1,600 - 4,000	LSIG	40...50	100	11294758	11384055	\$ 38,111
ABW50FS3-50AZ▲ F-A0220	2,000 - 5,000	LSIG	40...50	100	11294759	11447034	\$ 47,280
ABW63GS3-63AZ▲ F-A0220	2,520 - 6,300	LSIG	63	120	11294761	11447036	\$ 65,792

### Withdrawable Tripolar + Opening and Closing Coils 200...250 V ac/dc<sup>1)2)</sup>



Part Number	I <sub>n</sub> (A)	Prot. Part Number	Frame	I <sub>cs</sub> (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN3-16AZ▲ E-A0220	640 - 1,600	LSIG	16	65	11294762	11447018	\$ 18,853
ABW20ES3-20AZ▲ E-A0220	800 - 2,000	LSIG	20...32	85	11294763	11447023	\$ 21,083
ABW25ES3-25AZ▲ E-A0220	1,000 - 2,500	LSIG	20...32	85	11294764	11447025	\$ 25,454
ABW32ES3-32AZ▲ E-A0220	1,280 - 3,200	LSIG	20...32	85	11294765	11447027	\$ 31,057
ABW40FS3-40AZ▲ E-A0220	1,600 - 4,000	LSIG	40...50	100	11294767	11447028	\$ 53,887
ABW50FS3-50AZ▲ E-A0220	2,000 - 5,000	LSIG	40...50	100	11294778	11447035	\$ 67,720
ABW63GS3-63AZ▲ E-A0220	2,520 - 6,300	LSIG	63	120	11294779	11447037	\$ 100,683

Note: 1) Standard accessories:

- Protection unit ABW-AZ;
- Input voltage 100...250 V ac/dc;
- Current measurement per phase;
- Chronologic register of 10 faults;
- Auxiliary contacts (5NO + 5NC);
- Alarm contacts (3NO);
- Operations counter.

2) Standard accessories (withdrawable):

- Keylock position lock;
- Position indicator (connected / test / disconnected).

▲ - Fill in with the power input frequency - 6 = 50 Hz; 1 = 60 Hz.

◆ - Fill in with the motorized operation voltage code (automatic spring charge).

■ - Fill in with the closing and opening coil voltage code.

◆ Motorized operation	■ Closing and opening coil
Code	Code
0 - Without mot. op.	0 - Without coil
1 - 100...130 V ac/dc	1 - 100...130 V ac/dc
2 - 200...250 V ac/dc	2 - 200...250 V ac/dc
3 - 24...30 V dc	3 - 24...30 V dc
4 - 48...60 V ac/dc	
5 - 480 V ac	

# Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

## 3-Pole Air Circuit Breakers

### Fixed Tripolar + Opening and Closing Coils + Motorized Operation<sup>1)</sup>



Part Number	$I_n$ (A)	Prot. Part Number	Frame	$I_{cs}$ (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN3-16AZ▲ F-A◆■0	640 - 1,600	LSIG	16	65	Upon request	Upon request	\$ 14,514
ABW20ES3-20AZ▲ F-A◆■0	800 - 2,000	LSIG	20...32	85	Upon request	Upon request	\$ 16,789
ABW25ES3-25AZ▲ F-A◆■0	1,000 - 2,500	LSIG	20...32	85	Upon request	Upon request	\$ 21,165
ABW32ES3-32AZ▲ F-A◆■0	1,280 - 3,200	LSIG	20...32	85	Upon request	Upon request	\$ 26,890
ABW40FS3-40AZ▲ F-A◆■0	1,600 - 4,000	LSIG	40...50	100	Upon request	Upon request	\$ 39,799
ABW50FS3-50AZ▲ F-A◆■0	2,000 - 5,000	LSIG	40...50	100	Upon request	Upon request	\$ 48,968
ABW63GS3-63AZ▲ F-A◆■0	2,520 - 6,300	LSIG	63	120	Upon request	Upon request	\$ 67,480

### Withdrawable Tripolar + Opening and Closing Coils + Motorized Operation<sup>1)2)</sup>



Part Number	$I_n$ (A)	Prot. Part Number	Frame	$I_{cs}$ (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN3-16AZ▲ E-A◆■0	640 - 1,600	LSIG	16	65	Upon request	Upon request	\$ 20,540
ABW20ES3-20AZ▲ E-A◆■0	800 - 2,000	LSIG	20...32	85	Upon request	Upon request	\$ 22,771
ABW25ES3-25AZ▲ E-A◆■0	1,000 - 2,500	LSIG	20...32	85	Upon request	Upon request	\$ 27,141
ABW32ES3-32AZ▲ E-A◆■0	1,280 - 3,200	LSIG	20...32	85	Upon request	Upon request	\$ 32,745
ABW40FS3-40AZ▲ E-A◆■0	1,600 - 4,000	LSIG	40...50	100	Upon request	Upon request	\$ 55,574
ABW50FS3-50AZ▲ E-A◆■0	2,000 - 5,000	LSIG	40...50	100	Upon request	Upon request	\$ 67,408
ABW63GS3-63AZ▲ E-A◆■0	2,520 - 6,300	LSIG	63	120	Upon request	Upon request	\$ 102,370

Note: 1) Standard accessories:

Protection unit ABW-AZ;  
Input voltage 100...250 V ac/dc;  
Current measurement per phase;  
Chronologic register of 10 faults;  
Auxiliary contacts (5NO + 5NC);  
Alarm contacts (3NO);  
Operations counter.

2) Standard accessories (withdrawable):

Keylock position lock;  
Position indicator (connected / test / disconnected).

▲ - Fill in with the power input frequency - 6 = 50 Hz; 1 = 60 Hz.

◆ - Fill in with the motorized operation voltage code (automatic spring charge).

■ - Fill in with the closing and opening coil voltage code.

◆ Motorized operation	■ Closing and opening coil
Code	Code
0 - Without mot. op.	0 - Without coil
1 - 100...130 V ac/dc	1 - 100...130 V ac/dc
2 - 200...250 V ac/dc	2 - 200...250 V ac/dc
3 - 24...30 V dc	3 - 24...30 V dc
4 - 48...60 V ac/dc	
5 - 480 V ac	

# Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

## 4-Pole Air Circuit Breakers

### Fixed Tetrapolar + Opening and Closing Coils 200...250 V ac/dc<sup>1)</sup>



Part Number	I <sub>n</sub> (A)	Prot. Part Number	Frame	I <sub>cs</sub> (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN4-16AZ▲ F-A0220	640 - 1,600	LSIG	16	65	11431029	11432101	\$ 17,957
ABW20ES4-20AZ▲ F-A0220	800 - 2,000	LSIG	20...32	85	11431035	11432102	\$ 21,142
ABW25ES4-25AZ▲ F-A0220	1,000 - 2,500	LSIG	20...32	85	11431037	11432103	\$ 27,268
ABW32ES4-32AZ▲ F-A0220	1,280 - 3,200	LSIG	20...32	85	11431069	11432105	\$ 35,283
ABW40FS4-40AZ▲ F-A0220	1,600 - 4,000	LSIG	40...50	100	11431070	11432106	\$ 53,355
ABW50FS4-50AZ▲ F-A0220	2,000 - 5,000	LSIG	40...50	100	11431071	11432107	\$ 66,192
ABW63GS4-63AZ▲ F-A0220	2,520 - 6,300	LSIG	63	120	11431072	11432128	\$ 92,109

### Withdrawable Tetrapolar + Opening and Closing Coils 200...250 V ac/dc<sup>1)2)</sup>



Part Number	I <sub>n</sub> (A)	Prot. Part Number	Frame	I <sub>cs</sub> (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN4-16AZ▲ E-A0220	640 - 1,600	LSIG	16	65	11431075	11432129	\$ 26,394
ABW20ES4-20AZ▲ E-A0220	800 - 2,000	LSIG	20...32	85	11431076	11432130	\$ 39,517
ABW25ES4-25AZ▲ E-A0220	1,000 - 2,500	LSIG	20...32	85	11431108	11432131	\$ 35,635
ABW32ES4-32AZ▲ E-A0220	1,280 - 3,200	LSIG	20...32	85	11431109	11432132	\$ 43,479
ABW40FS4-40AZ▲ E-A0220	1,600 - 4,000	LSIG	40...50	100	11431110	11432133	\$ 75,441
ABW50FS4-50AZ▲ E-A0220	2,000 - 5,000	LSIG	40...50	100	11431111	11432134	\$ 92,008
ABW63GS4-63AZ▲ E-A0220	2,520 - 6,300	LSIG	63	120	11431112	11432135	\$ 140,956

Note: 1) Standard accessories:

- Protection unit ABW-AZ;
- Input voltage 100...250 V ac/dc;
- Current measurement per phase;
- Chronologic register of 10 faults;
- Auxiliary contacts (5NO + 5NC);
- Alarm contacts (3NO);
- Operations counter.

2) Standard accessories (withdrawable):

- Keylock position lock;
- Position indicator (connected / test / disconnected).
- ▲ - Fill in with the power input frequency - 6 = 50 Hz; 1 = 60 Hz.
- ◆ - Fill in with the motorized operation voltage code (automatic spring charge).
- - Fill in with the closing and opening coil voltage code.

◆ Motorized operation	■ Closing and opening coil
Code	Code
0 - Without mot. op.	0 - Without coil
1 - 100...130 V ac/dc	1 - 100...130 V ac/dc
2 - 200...250 V ac/dc	2 - 200...250 V ac/dc
3 - 24...30 V dc	3 - 24...30 V dc
4 - 48...60 V ac/dc	
5 - 480 V ac	

# Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

## 4-Pole Air Circuit Breakers

### Fixed Tetrapolar + Opening and Closing Coils + Motorized Operation<sup>1)</sup>



Part Number	I <sub>n</sub> (A)	Prot. Part Number	Frame	I <sub>cs</sub> (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN4-16AZ▲ F-A◆■□○	640 - 1,600	LSIG	16	65	Upon request	Upon request	\$ 19,645
ABW20ES4-20AZ▲ F-A◆■□○	800 - 2,000	LSIG	20...32	85	Upon request	Upon request	\$ 22,830
ABW25ES4-25AZ▲ F-A◆■□○	1,000 - 2,500	LSIG	20...32	85	Upon request	Upon request	\$ 28,956
ABW32ES4-32AZ▲ F-A◆■□○	1,280 - 3,200	LSIG	20...32	85	Upon request	Upon request	\$ 36,970
ABW40FS4-40AZ▲ F-A◆■□○	1,600 - 4,000	LSIG	40...50	100	Upon request	Upon request	\$ 55,043
ABW50FS4-50AZ▲ F-A◆■□○	2,000 - 5,000	LSIG	40...50	100	Upon request	Upon request	\$ 67,880
ABW63GS4-63AZ▲ F-A◆■□○	2,520 - 6,300	LSIG	63	120	Upon request	Upon request	\$ 93,796

### Withdrawable Tetrapolar + Opening and Closing Coils + Motorized Operation<sup>1)2)</sup>



Part Number	I <sub>n</sub> (A)	Prot. Part Number	Frame	I <sub>cs</sub> (kA)	Material Number		List price each
	O/L range (A)			480 V	60 Hz	50 Hz	
ABW16DN4-16AZ▲ E-A◆■□○	640 - 1,600	LSIG	16	65	Upon request	Upon request	\$ 28,081
ABW20ES4-20AZ▲ E-A◆■□○	800 - 2,000	LSIG	20...32	85	Upon request	Upon request	\$ 31,204
ABW25ES4-25AZ▲ E-A◆■□○	1,000 - 2,500	LSIG	20...32	85	Upon request	Upon request	\$ 37,323
ABW32ES4-32AZ▲ E-A◆■□○	1,280 - 3,200	LSIG	20...32	85	Upon request	Upon request	\$ 45,167
ABW40FS4-40AZ▲ E-A◆■□○	1,600 - 4,000	LSIG	40...50	100	Upon request	Upon request	\$ 77,129
ABW50FS4-50AZ▲ E-A◆■□○	2,000 - 5,000	LSIG	40...50	100	Upon request	Upon request	\$ 93.696
ABW63GS4-63AZ▲ E-A◆■□○	2,520 - 6,300	LSIG	63	120	Upon request	Upon request	\$ 142.643

Note: 1) Standard accessories:

- Protection unit ABW-AZ\_;
- Input voltage 100...250 V ac/dc;
- Current measurement per phase;
- Chronologic register of 10 faults;
- Auxiliary contacts (5NO + 5NC);
- Alarm contacts (3NO);
- Operations counter.

2) Standard accessories (withdrawable):

- Keylock position lock;
- Position indicator (connected / test / disconnected).
- ▲ - Fill in with the power input frequency - 6 = 50 Hz; 1 = 60 Hz.

- ◆ - Fill in with the motorized operation voltage code (automatic spring charge).
- - Fill in with the closing and opening coil voltage code.

◆ Motorized operation	■ Closing and opening coil
Code	Code
0 - Without mot. op.	0 - Without coil
1 - 100...130 V ac/dc	1 - 100...130 V ac/dc
2 - 200...250 V ac/dc	2 - 200...250 V ac/dc
3 - 24...30 V dc	3 - 24...30 V dc
4 - 48...60 V ac/dc	
5 - 480 V ac	

## Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

### Factory Assembled Supplied Accessories

#### Protection and Measurement Units<sup>1)</sup>



Part Number	ACB	Freq.	Code	List price each
ABW-AF1	ABW16...63	60 Hz	AF1	\$ 5,791
ABW-AF6	ABW16...63	50 Hz	AF6	\$ 5,791
ABW-AC1	ABW16...63	60 Hz	AC1	\$ 5,791
ABW-AC6	ABW16...63	50 Hz	AC6	\$ 5,791
ABW-PC1	ABW16...63	60 Hz	PC1	\$ 9,501
ABW-PC6	ABW16...63	50 Hz	PC6	\$ 9,501

- Protection unit ABW-AF\_.
- Standard AZ\_ unit characteristics + Earth leakage protection possibility (no communication).
- Protection unit ABW-AC\_.
- Standard AZ\_ unit characteristics + Modbus communication (monitoring and diagnosis) and communication possibility Profibus (including ABW-CP module).
- To connect/disconnect the circuit breaker through communication it is necessary to include the ABW-CM or ABW-CP module (accessory).
- Protection unit ABW-PC\_ (this unit needs VDM unit).
- Standard AC\_ characteristics + Maximum and minimum current and voltage protections, current unbalance and out of range frequency.
- Current, voltage, power, frequency, power factor and phase angle measurement.
- 256 fault event log.
- Example: To describe the circuit breaker, substitute the standard AZ\_ code for the chosen unit code:
  - Standard AZ1 circuit breaker unit : ABW16DN4-16**AZ1**E-A0220
  - Chosen AC1 circuit breaker unit : ABW16DN4-16**AC1**E-A0220

*Note: PC\_ requires VDM unit - 11506529 - list List price each 751*

## Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

### Factory Assembled Supplied Accessories

#### Under Voltage Coil<sup>1)</sup>



Part Number	Circuit-breaker	Voltage (V)	Code	List price each
ABW-UVT C34	ABW16...63	24...30 V dc	3	\$ 364
ABW-UVT E10	ABW16...63	110...130 V ac/dc	1	\$ 364
ABW-UVT E12	ABW16...63	200...250 V ac/dc	2	\$ 364
ABW-UVT E55	ABW16...63	380...480 V ac/dc	4	\$ 364

- Example: Circuit breaker with instantaneous under voltage coil @ 200...250 V ca/dc: ABW16DN4-16AZ1E-A0222

#### Position Auxiliary Contacts (Withdrawable Circuit Breakers)<sup>1)</sup>



Part Number	Circuit-breaker	Code	List price each
ABW-BC4	ABW16...63	B	\$ 677

- Example: Withdrawable circuit breaker with position auxiliary contacts: ABW16DN4-16AZ1E-B0220

#### Mechanical Interlock<sup>1)</sup>



Part Number	Circuit-breaker	Code	List price each
ABW-IM1	ABW16, 40, 50	M	\$ 3,414
ABW-IM2	ABW20, 25, 32, 63	M	\$ 3,414
ABW-IM3	ABW16, 40, 50	M3	\$ 7,583
ABW-IM4	ABW20, 25, 32, 63	M3	\$ 7,583

- Example: 2 equal circuit breaker transfer with mechanical interlock: ABW16DN4-16AZ1E-A0220M

#### Door Interlock<sup>1)</sup>



Part Number	Circuit-breaker	Code	List price each
ABW-DI	ABW16...63	D	\$ 339

- Example: Circuit breaker with door interlock: ABW16DN4-16AZ1E-A0220D

Note: 1) These accessories are assembled in the factory. Include the List price each in the circuit breaker's List price each and request the circuit breaker's code with the assembled accessories.

## Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

### User Assembled Accessories

#### Modbus Communication Module



Part Number	Circuit-breaker	Protocol	Material Number	List price each
ABW-CM <sup>1)</sup>	ABW16...63	Modbus	11193398	\$ 7,025

#### Profibus Communication Module<sup>2)</sup>



Part Number	Circuit-breaker	Protocol	Material Number	List price each
ABW-CP	ABW16...63	Profibus	11193400	\$ 11,698

#### Undervoltage Module with Timer 3s<sup>3)</sup>



Part Number	Circuit-breaker	Voltage (V)	Material Number	List price each
ABW-UDC E27	ABW16...63	48 V ac/dc	11193478	\$ 677
ABW-UDC E10	ABW16...63	110...130 V ac/dc	11193451	\$ 677
ABW-UDC E12	ABW16...63	200...250 V ac/dc	11193452	\$ 677
ABW-UDC E55	ABW16...63	380...480 V ac/dc	11193453	\$ 677

#### Condenser Tripping Device



Part Number	Circuit-breaker	Voltage (V)	Material Number	List price each
ABW-UC D58	ABW16...63	100-110 V ac	11193370	\$ 815
ABW UC D64	ABW16...63	200-220 V ac	11193376	\$ 815

Note: 1) It is only possible to use the ABW-CM with the ABW circuit breaker that has Part Number AC\_ or PC\_ protection unit that already has Modbus communication for monitoring and diagnosis. The ABW-CM module includes the possibility to operate (connection/disconnection) the circuit breaker via communication.

2) It is only possible to use with circuit breakers with AC\_ or PC\_ protection units.

3) It is only possible to use with circuit breakers that have ABW-UVT minimum voltage coil.



# Air Circuit Breaker - ABW (IEC Standard - Not UL Listed)

## User Assembled Accessories

### Door Frame



Part Number	Circuit-breaker	Voltage (V)	Material Number	List price each
ABW-DFE	ABW16...63	Fixed	11321382	\$ 254
ABW-DFE	ABW16...63	Withdrawable	11195048	\$ 254

### Transparent Cover



Part Number	Circuit-breaker	Material Number	List price each
ABW-DC	ABW16...63	11195053	\$ 1,007

### Key Lock



Part Number	Circuit-breaker	Description	Material Number	List price each
ABW-BK1	ABW16...63	Key lock	11194682	\$ 527
ABW-IK2	ABW16...63	Key interlock	11194685	\$ 1,522
ABW-BB	ABW16...63	Pushbutton lock	11194681	\$ 79

### Earth Leakage Protection CT



Part Number	Circuit-breaker	Internal diameter (mm)	Material Number	List price each
ABW-ZCT-120	ABW16...63	120	11195018	\$ 1,310
ABW-ZCT-200	ABW16...63	200	11195019	\$ 2,357

Note: Only with protection unit AF.

### Extension Terminals (Horizontal or Vertical Connection Possibility)

Part Number	Circuit-breaker	Standard packing (pieces)	Material Number	List price each
ABW-TE1	ABW16	3	11312507	\$ 8,584
ABW-TE2	ABW20...63	3	11312531	\$ 8,584

## aR Fuses Type “NH” Flush-End

### Semiconductor Short-Circuit Protection Fuse - aR Fuse Type Flush-End

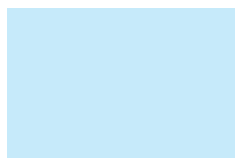


Part Number	Size	Current (A)	Packing (un)	Material Number	List price each
FNH3FEM-450Y-A	3	450	3	12644962	\$ 269
FNH3FEM-500Y-A	3	500	3	12645317	\$ 269
FNH3FEM-550Y-A	3	550	3	12660187	\$ 269
FNH3FEM-630Y-A	3	630	3	12660583	\$ 281
FNH3FEM-700Y-A	3	700	3	12660657	\$ 281
FNH3FEM-800Y-A	3	800	3	12661660	\$ 281
FNH3FEM-900Y-A	3	900	3	12661662	\$ 337
FNH3FEM-1000Y-A	3	1,000	3	12661663	\$ 337
FNH3FEM-1100Y-A	3	1,100	3	12661664	\$ 337
FNH3FEM-1250Y-A	3	1,250	3	12661665	\$ 476
FNH3FEM-1400Y-A	3	1,400	3	12661666	\$ 476
FNH23FEA-1000Y-A	23 <sup>1)</sup>	1,000	1	12644745	\$ 778
FNH23FEA-1250Y-A	23 <sup>1)</sup>	1,250	1	12661667	\$ 830
FNH23FEA-1400Y-A	23 <sup>1)</sup>	1,400	1	12661688	\$ 768
FNH23FEA-1600Y-A	23 <sup>1)</sup>	1,600	1	12661689	\$ 808
FNH23FEA-1800Y-A	23 <sup>1)</sup>	1,800	1	12661690	\$ 847
FNH23FEA-2000Y-A	23 <sup>1)</sup>	2,000	1	12661692	\$ 875

Note: 1) Two flush end fuses, size 3, assembled in parallel.

### aR Fuses Type Flush-End - Accessories

Description	Type	Application	Packing (un)	Material Number	List price each
MICROSWITCH 1NO+NC	MS11FE	FNH3FEM / FNH23FEA	1	12626734	\$ 54

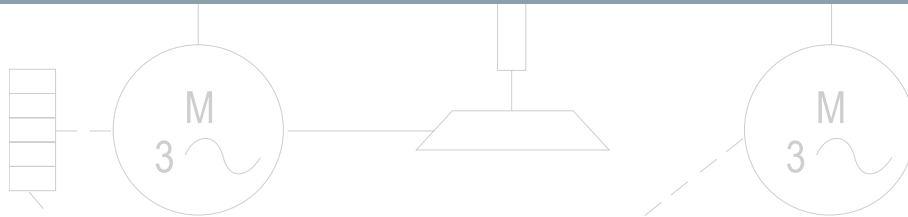
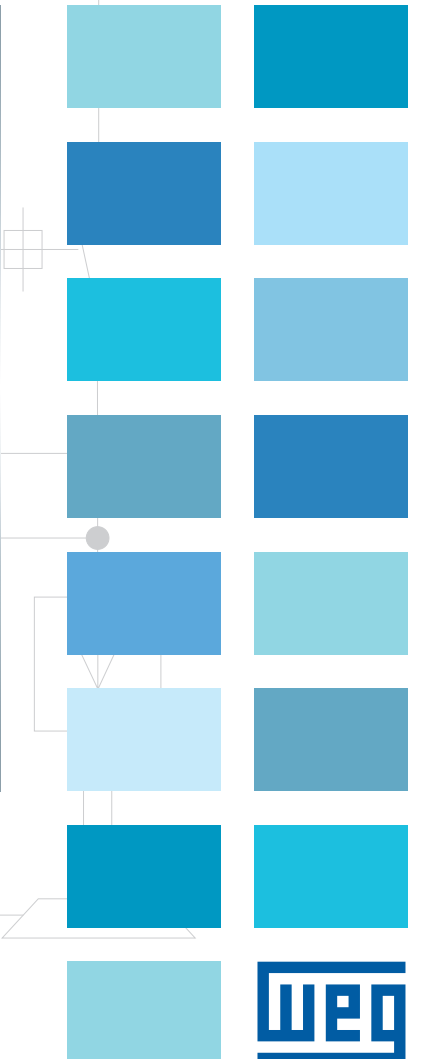






# Automation

## Book 4 - Capacitors



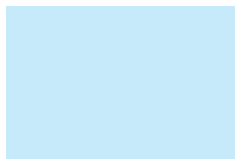
**PAMENSKY**





# Summary

- UCW - Single Phase Capacitor Unit ..... 4-4
- UCWT HD - Heavy Duty Three-Phase Capacitor Unit .....4-7
- UCWT ND - Normal Duty Three-Phase Capacitor Unit ..... 4-14
- MCW - Three-Phase Module Capacitor ..... 4-15
- Bus Bar for Three-Phase Module Capacitor - MCW..... 4-19
- PAC - Nut and Washer for Capacitor Fixing ..... 4-19
- RDC - Discharge Resistor for UCW..... 4-19
- RDC - Discharge Resistor for UCW-T..... 4-19
- CMRW - Capacitors for Motor Run .....4-20
- MMW - Power Meter .....4-23
- PFW - Power Factor Controller.....4-23
- Accessories .....4-23



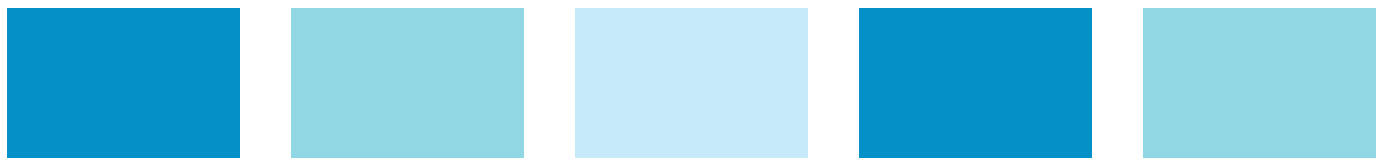
# Capacitors for Power Factor Correction



## UCW - Single Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions ØxH (mm)	Discharge resistor	Material Number	List price each
	kvar	kvar							
208	0.62	0.74	45.5	B	UCW0.83V25 J4	53x85	Not included	11488457	\$ 41
	0.62	0.74	45.5	B	UCW0.83V25 L6	60x105	Not included	10045809	\$ 41
	1.24	1.49	91.5	B	UCW1.67V25 L6	60x105	Not included	10045802	\$ 55
	1.86	2.23	137.0	B	UCW2.5V25 L10	60x156	Not included	10045950	\$ 63
	2.48	2.98	182.5	B	UCW3.33V25 L10	60x156	Not included	10046652	\$ 69
	3.72	4.47	274.0	C	UCW5V25 N14	75x205	Included	11449885	\$ 176
220	4.97	5.96	365.6	C	UCW6.67V25 N14	75x205	Included	11507565	\$ 190
	0.69	0.83	45.5	B	UCW0.83V25 J4	53x85	Not included	11488457	\$ 41
	0.69	0.83	45.5	B	UCW0.83V25 L6	60x105	Not included	10045809	\$ 41
	1.39	1.67	91.5	B	UCW1.67V25 L6	60x105	Not included	10045802	\$ 55
	2.08	2.50	137.0	B	UCW2.5V25 L10	60x156	Not included	10045950	\$ 63
	2.78	3.33	182.5	B	UCW3.33V25 L10	60x156	Not included	10046652	\$ 69
230	4.17	5.00	274.0	C	UCW5V25 N14	75x205	Included	11449885	\$ 176
	5.56	6.67	365.6	C	UCW6.67V25 N14	75x205	Included	11507565	\$ 190
	0.83	1.00	49.9	B	UCW0.83V34 L6	60x105	Not included	10072341	\$ 42
	1.67	2.00	100.5	B	UCW1.67V34 L8	60x141	Not included	10046044	\$ 58
	2.50	3.00	150.4	B	UCW2.5V34 L10	60x156	Not included	10046045	\$ 68
	3.33	4.00	200.4	B	UCW3.33V34 L10	60x156	Not included	11559336	\$ 72
240	5.00	6.00	300.9	C	UCW5V34 N14	75x205	Included	11507589	\$ 181
	0.69	0.83	38.2	B	UCW0.83V29 L6	60x105	Not included	10048213	\$ 41
	1.39	1.67	76.9	B	UCW1.67V29 L6	60x105	Not included	10048211	\$ 55
	2.08	2.50	115.1	B	UCW2.5V29 L8	60x141	Not included	10045988	\$ 63
	2.78	3.33	153.4	B	UCW3.33V29 L10	60x156	Not included	10076158	\$ 79
380	4.17	5.00	230.3	C	UCW5V29 N14	75x205	Included	12573706	\$ 176
	0.69	0.83	15.2	A	UCW0.83V40 G4	40x85	Not included	11509005	\$ 34
	0.69	0.83	15.2	B	UCW0.83V40 J2	53x68	Not included	11488508	\$ 37
	1.39	1.67	30.7	B	UCW1.67V40 J4	53x85	Not included	11488510	\$ 42
	2.08	2.50	45.9	B	UCW2.5V40 J6	53x105	Not included	13497628	\$ 47
	2.78	3.33	61.2	B	UCW3.33V40 J8	53x141	Not included	11488809	\$ 59
	4.17	5.00	91.8	B	UCW5V40 L10	60x156	Not included	10045951	\$ 74
	5.56	6.67	122.5	B	UCW6.67V40 M10	70x156	Not included	10630797	\$ 91
	6.25	7.50	137.8	C	UCW7.5V40 N14	75x205	Included	11449886	\$ 165
	6.94	8.33	153.0	C	UCW8.33V40 N14	75x205	Included	11449950	\$ 169
	7.64	9.17	168.5	C	UCW9.17V40 N14	75x205	Included	11449951	\$ 175
8.33	10.00	183.7	C	UCW10V40 N14	75x205	Included	11449887	\$ 182	

Note: UCW are supplied in standard packing with 9 units each.





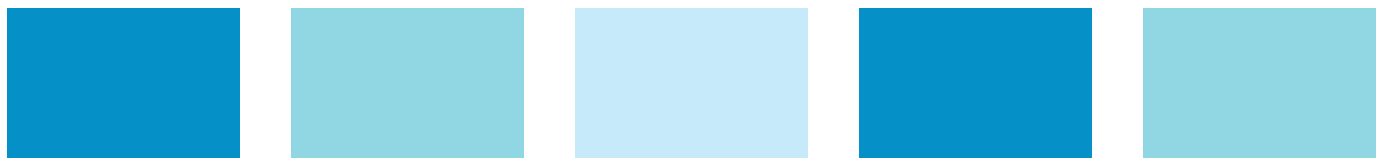
# Capacitors for Power Factor Correction



## UCW - Single Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions ØxH (mm)	Discharge resistor	Material Number	List price each
	kvar	kvar							
400	0.83	-	16.5	A	UCW0.83V44 G6	40x105	Not included	11509029	\$ 32
	0.83	1.00	16.5	B	UCW0.83V44 J2	53x68	Not included	11488815	\$ 36
	0.83	1.00	16.5	B	UCW0.83V44 L4	60x85	Not included	10072342	\$ 38
	1.67	2.00	33.2	B	UCW1.67V44 J6	53x105	Not included	11488820	\$ 46
	1.67	2.00	33.2	B	UCW1.67V44 L4	60x85	Not included	10046046	\$ 42
	2.50	3.00	49.7	B	UCW2.5V44 J8	53x141	Not included	11488822	\$ 57
	2.50	3.00	49.7	B	UCW2.5V44 L6	60x105	Not included	10046047	\$ 51
	3.33	4.00	66.2	B	UCW3.33V44 L8	60x141	Not included	10046048	\$ 57
	5.00	-	99.5	B	UCW5V44 L10	60x156	Not included	10046049	\$ 71
	6.67	-	132.7	B	UCW6.67V44 M10	70x156	Not included	10872824	\$ 85
	7.50	9.00	149.2	C	UCW7.5V44 N14	75x205	Included	11507590	\$ 167
	8.33	10.00	165.7	C	UCW8.33V44 N14	75x205	Included	11507591	\$ 172
9.17	-	182.4	C	UCW9.17V44 N14	75x205	Included	11507593	\$ 178	
415	0.62	0.74	11.4	A	UCW0.83V49 G4	40x85	Not included	11509007	\$ 33
	0.62	0.74	11.4	B	UCW0.83V49 J2	53x68	Not included	11488824	\$ 36
	0.74	0.89	13.6	B	UCW0.83V48 L4	60x85	Not included	10072343	\$ 38
	1.24	1.49	22.9	B	UCW1.67V49 J4	53x85	Not included	11488825	\$ 43
	1.49	1.78	27.5	B	UCW1.67V48 L4	60x85	Not included	10046050	\$ 42
	1.85	2.22	34.3	B	UCW2.5V49 J6	53x105	Not included	13497629	\$ 47
	2.22	2.67	41.1	B	UCW2.5V48 L6	60x105	Not included	10072344	\$ 51
	2.47	2.96	45.6	B	UCW3.33V49 J8	53x141	Not included	11488827	\$ 58
	2.96	3.55	54.8	B	UCW3.33V48 L8	60x141	Not included	10046051	\$ 57
	3.71	4.45	68.5	B	UCW5V49 L10	60x156	Not included	10186125	\$ 68
	4.45	-	82.2	B	UCW5V48 L10	60x156	Not included	10046722	\$ 72
	4.94	5.93	91.4	B	UCW6.67V49 M10	70x156	Not included	10630798	\$ 86
	5.56	6.67	102.8	C	UCW7.5V49 N14	75x205	Included	11449911	\$ 167
	6.18	7.41	114.1	C	UCW8.33V49 N14	75x205	Included	11449952	\$ 172
	6.80	8.16	125.6	C	UCW9.17V49 N14	75x205	Included	11449953	\$ 178
7.41	8.90	137.0	C	UCW10V49 N14	75x205	Included	11449915	\$ 188	

Note: UCW are supplied in standard packing with 9 units each.



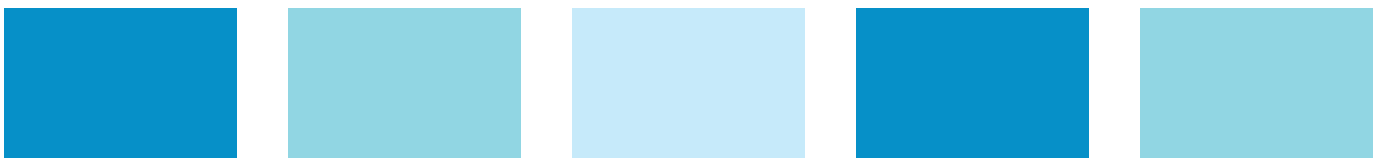
# Capacitors for Power Factor Correction



## UCW - Single Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions ØxH (mm)	Discharge resistor	Material Number	List price each
	kvar	kvar							
440	0.69	0.83	11.4	A	UCW0.83V49 G4	40x85	Not included	11509007	\$ 33
	0.69	0.83	11.4	B	UCW0.83V49 J2	53x68	Not included	11488824	\$ 36
	0.83	1.00	13.6	B	UCW0.83V48 L4	60x85	Not included	10072343	\$ 38
	1.39	1.67	22.9	B	UCW1.67V49 J4	53x85	Not included	11488825	\$ 43
	1.67	2.00	27.5	B	UCW1.67V48 L4	60x85	Not included	10046050	\$ 42
	2.08	2.50	34.3	B	UCW2.5V49 J6	53x105	Not included	13497629	\$ 47
	2.50	3.00	41.1	B	UCW2.5V48 L6	60x105	Not included	10072344	\$ 51
	2.78	3.33	45.6	B	UCW3.33V49 J8	53x141	Not included	11488827	\$ 58
	3.33	4.00	54.8	B	UCW3.33V48 L8	60x141	Not included	10046051	\$ 57
	4.17	5.00	68.5	B	UCW5V49 L10	60x156	Not included	10186125	\$ 68
	5.00	-	82.2	B	UCW5V48 L10	60x156	Not included	10046722	\$ 72
	5.56	6.67	91.4	B	UCW6.67V49 M10	70x156	Not included	10630798	\$ 86
	6.25	7.50	102.8	C	UCW7.5V49 N14	75x205	Included	11449911	\$ 167
	6.94	8.33	114.1	C	UCW8.33V49 N14	75x205	Included	11449952	\$ 172
480	7.64	9.17	125.6	C	UCW9.17V49 N14	75x205	Included	11449953	\$ 178
	8.33	10.00	137.0	C	UCW10V49 N14	75x205	Included	11449915	\$ 188
	0.69	0.83	9.6	A	UCW0.83V53 G4	40x85	Not included	11509028	\$ 35
	0.69	0.83	9.6	B	UCW0.83V53 J2	53x68	Not included	11488839	\$ 37
	0.83	1.00	11.5	B	UCW0.83V52 L6	60x105	Not included	10072476	\$ 40
	1.39	1.67	19.2	B	UCW1.67V53 J6	53x105	Not included	11488841	\$ 47
	1.67	2.00	23.1	B	UCW1.67V52 L6	60x105	Not included	10072477	\$ 45
	2.08	2.50	28.8	B	UCW2.5V53 J6	53x105	Not included	13497630	\$ 49
	2.50	3.00	34.5	B	UCW2.5V52 L6	60x105	Not included	10072345	\$ 53
	2.78	3.33	38.3	B	UCW3.33V53 J8	53x141	Not included	11488845	\$ 58
	3.33	4.00	46.0	B	UCW3.33V52 L8	60x141	Not included	10046053	\$ 60
	4.17	5.00	57.6	B	UCW5V53 L10	60x156	Not included	10045952	\$ 71
	5.00	-	69.1	B	UCW5V52 L10	60x156	Not included	10046255	\$ 74
	5.56	6.67	76.8	B	UCW6.67V53 M10	70x156	Not included	10630800	\$ 87
6.25	7.50	86.3	C	UCW7.5V53 N14	75x205	Included	11449916	\$ 173	
6.94	8.33	95.9	C	UCW8.33V53 N14	75x205	Included	11449954	\$ 177	
7.64	9.17	105.6	C	UCW9.17V53 N14	75x205	Included	11449955	\$ 178	
8.33	10.00	115.1	C	UCW10V53 N14	75x205	Included	11449928	\$ 185	
535	0.69	0.83	7.7	B	UCW0.83V57 L6	60x105	Not included	10046599	\$ 39
	1.39	1.67	15.5	B	UCW1.67V57 L6	60x105	Not included	10046600	\$ 44
	2.08	2.50	23.2	B	UCW2.5V57 L6	60x105	Not included	10046215	\$ 50
	2.78	3.33	30.9	B	UCW3.33V57 L6	60x105	Not included	10046362	\$ 58
	4.17	5.00	46.3	B	UCW5V57 L10	60x156	Not included	10045866	\$ 73
	5.56	6.67	61.8	C	UCW6.67V57 N14	75x205	Included	13270094	\$ 173
	6.25	7.50	69.5	C	UCW7.5V57 N14	75x205	Included	11449930	\$ 175
	6.94	8.33	77.2	C	UCW8.33V57 N14	75x205	Included	11449957	\$ 178
	7.64	9.17	85.0	C	UCW9.17V57 N14	75x205	Included	11449959	\$ 180
	8.33	10.00	92.7	C	UCW10V57 N14	75x205	Included	11449931	\$ 187

Note: UCW are supplied in standard packing with 9 units each.



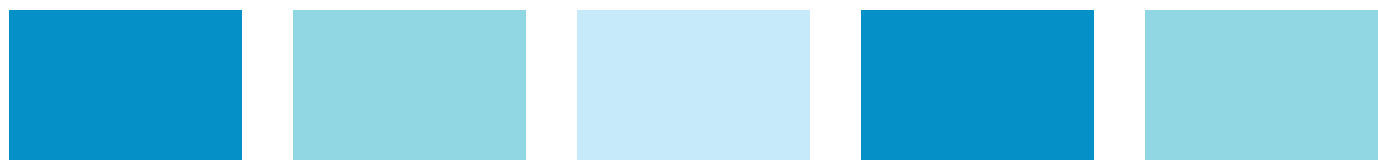
# Capacitors for Power Factor Correction



## UCWT HD - Heavy Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
208	0,37	0,45	9,1 x 3	HD	UCWT0,5V25 L10 HD	60 x 156	10045998	\$ 65
	0,56	0,67	13,7 x 3	HD	UCWT0,75V25 L10 HD	60 x 156	10045999	\$ 68
	0,74	0,89	18,3 x 3	HD	UCWT1V25 L10 HD	60 x 156	10046000	\$ 72
	1,12	1,34	27,4 x 3	HD	UCWT1,5V25 L10 HD	60 x 156	10046001	\$ 80
	1,49	1,79	36,5 x 3	HD	UCWT2V25 L10 HD	60 x 156	10046002	\$ 88
	1,86	2,23	45,7 x 3	HD	UCWT2,5V25 L16 HD	60 x 211	10046003	\$ 98
	2,23	2,68	54,8 x 3	HD	UCWT3V25 L16 HD	60 x 211	10046004	\$ 105
	3,72	4,47	91,3 x 3	HD	UCWT5V25 N20 HD	75 x 225	11313760	\$ 172
	5,59	6,70	137 x 3	HD	UCWT7,5V25 N22 HD	75 x 285	11313783	\$ 205
	7,45	8,94	182,7 x 3	HD	UCWT10V25 N22 HD	75 x 285	11313782	\$ 241
	7,45	8,94	182,7 x 3	HD	UCWT10V25 Q26 HD	100 x 230	11914849	\$ 265
	9,31	11,17	228,4 x 3	HD	UCWT12,5V25 Q26 HD	100 x 230	11914851	\$ 340
	11,17	13,41	274 x 3	HD	UCWT15V25 S26 HD	116 x 230	11914853	\$ 358
	13,04	15,64	319,7 x 3	HD	UCWT17,5V25 S28 HD	116 x 290	12271622	\$ 490
	14,90	17,88	365,4 x 3	HD	UCWT20V25 S28 HD	116 x 290	12271626	\$ 531
	18,62	22,35	456,7 x 3	HD	UCWT25V25 U28 HD	136 x 290	13365111	\$ 637
22,35	26,82	548,1 x 3	HD	UCWT30V25 U28 HD	136 x 290	13365631	\$ 681	
220	0,42	0,50	9,1 x 3	HD	UCWT0,5V25 L10 HD	60 x 156	10045998	\$ 65
	0,63	0,75	13,7 x 3	HD	UCWT0,75V25 L10 HD	60 x 156	10045999	\$ 68
	0,83	1,00	18,3 x 3	HD	UCWT1V25 L10 HD	60 x 156	10046000	\$ 72
	1,25	1,50	27,4 x 3	HD	UCWT1,5V25 L10 HD	60 x 156	10046001	\$ 80
	1,67	2,00	36,5 x 3	HD	UCWT2V25 L10 HD	60 x 156	10046002	\$ 88
	2,08	2,50	45,7 x 3	HD	UCWT2,5V25 L16 HD	60 x 211	10046003	\$ 98
	2,50	3,00	54,8 x 3	HD	UCWT3V25 L16 HD	60 x 211	10046004	\$ 105
	4,17	5,00	91,3 x 3	HD	UCWT5V25 N20 HD	75 x 225	11313760	\$ 172
	6,25	7,50	137 x 3	HD	UCWT7,5V25 N22 HD	75 x 285	11313783	\$ 205
	8,33	10,00	182,7 x 3	HD	UCWT10V25 N22 HD	75 x 285	11313782	\$ 241
	8,33	10,00	182,7 x 3	HD	UCWT10V25 Q26 HD	100 x 230	11914849	\$ 265
	10,42	12,50	228,4 x 3	HD	UCWT12,5V25 Q26 HD	100 x 230	11914851	\$ 340
	12,50	15,00	274 x 3	HD	UCWT15V25 S26 HD	116 x 230	11914853	\$ 358
	14,58	17,50	319,7 x 3	HD	UCWT17,5V25 S28 HD	116 x 290	12271622	\$ 490
	16,67	20,00	365,4 x 3	HD	UCWT20V25 S28 HD	116 x 290	12271626	\$ 531
	20,83	25,00	456,7 x 3	HD	UCWT25V25 U28 HD	136 x 290	13365111	\$ 637
25,00	30,00	548,1 x 3	HD	UCWT30V25 U28 HD	136 x 290	13365631	\$ 681	

Notes: Discharge resistors already incorporated.  
Supplied in single quantity with nut and washer for fixing.



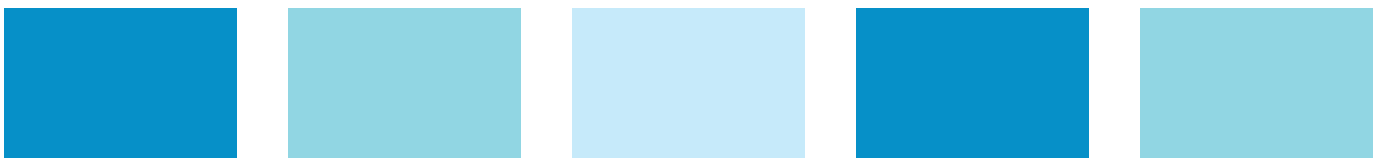
# Capacitors for Power Factor Correction



## UCWT HD - Heavy Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
230	0,50	0,60	10 x 3	HD	UCWT0,5V34 L10 HD	60 x 156	10862201	\$ 65
	0,75	0,90	15 x 3	HD	UCWT0,75V34 L10 HD	60 x 156	10072544	\$ 68
	1,00	1,20	20,1 x 3	HD	UCWT1V34 L10 HD	60 x 156	10074467	\$ 72
	1,50	1,80	30,1 x 3	HD	UCWT1,5V34 L10 HD	60 x 156	10862180	\$ 80
	2,00	2,40	40,1 x 3	HD	UCWT2V34 L10 HD	60 x 156	10862184	\$ 88
	2,50	3,00	50,1 x 3	HD	UCWT2,5V34 L16 HD	60 x 211	10072346	\$ 98
	3,00	-	60,2 x 3	HD	UCWT3V34 L16 HD	60 x 211	10046055	\$ 105
	5,00	6,00	100,3 x 3	HD	UCWT5V34 N20 HD	75 x 225	11871789	\$ 172
	7,50	9,00	150,4 x 3	HD	UCWT7,5V34 N22 HD	75 x 285	11758922	\$ 205
	10,00	12,00	200,6 x 3	HD	UCWT10V34 Q26 HD	100 x 230	11914855	\$ 265
	12,50	15,00	250,7 x 3	HD	UCWT12,5V34 Q26 HD	100 x 230	11914856	\$ 340
	15,00	-	300,9 x 3	HD	UCWT15V34 S26 HD	116 x 230	11914888	\$ 393
	17,50	-	351 x 3	HD	UCWT17,5V34 S28 HD	116 x 290	12271566	\$ 490
20,00	-	401,1 x 3	HD	UCWT20V34 S28 HD	116 x 290	12271567	\$ 531	
240	0,42	0,50	7,7 x 3	HD	UCWT0,5V29 L10 HD	60 x 156	10072607	\$ 65
	0,63	0,75	11,5 x 3	HD	UCWT0,75V29 L10 HD	60 x 156	10072608	\$ 68
	0,83	1,00	15,4 x 3	HD	UCWT1V29 L10 HD	60 x 156	10046265	\$ 72
	1,25	1,50	23 x 3	HD	UCWT1,5V29 L10 HD	60 x 156	10072303	\$ 80
	1,67	2,00	30,7 x 3	HD	UCWT2V29 L10 HD	60 x 156	10046266	\$ 88
	2,08	2,50	38,4 x 3	HD	UCWT2,5V29 L16 HD	60 x 211	10748190	\$ 98
	2,50	3,00	46,1 x 3	HD	UCWT3V29 L16 HD	60 x 211	10748194	\$ 105
	4,17	5,00	76,8 x 3	HD	UCWT5V29 N20 HD	75 x 225	11983248	\$ 172
	6,25	7,50	115,1 x 3	HD	UCWT7,5V29 N22 HD	75 x 285	11758813	\$ 205
	8,33	10,00	153,5 x 3	HD	UCWT10V29 N22 HD	75 x 285	11758287	\$ 241
	8,33	10,00	153,5 x 3	HD	UCWT10V29 Q26 HD	100 x 230	12029202	\$ 265
	10,42	12,50	191,9 x 3	HD	UCWT12,5V29 Q26 HD	100 x 230	12029203	\$ 374
	12,50	15,00	230,3 x 3	HD	UCWT15V29 S26 HD	116 x 230	12029204	\$ 393
	14,58	17,50	268,6 x 3	HD	UCWT17,5V29 S28 HD	116 x 290	12271869	\$ 490
16,67	20,00	307 x 3	HD	UCWT20V29 S28 HD	116 x 290	12272006	\$ 531	

Notes: Discharge resistors already incorporated.  
Supplied in single quantity with nut and washer for fixing.



# Capacitors for Power Factor Correction



## UCWT HD - Heavy Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
380	0,42	0,50	3,1 x 3	HD	UCWT0,5V40 L10 HD	60 x 156	10046005	\$ 60
	0,63	0,75	4,6 x 3	HD	UCWT0,75V40 L10 HD	60 x 156	10046006	\$ 62
	0,83	1,00	6,1 x 3	HD	UCWT1V40 L10 HD	60 x 156	10046007	\$ 64
	1,25	1,50	9,2 x 3	HD	UCWT1,5V40 L10 HD	60 x 156	10046008	\$ 68
	1,67	2,00	12,2 x 3	HD	UCWT2V40 L10 HD	60 x 156	10046009	\$ 73
	2,08	2,50	15,3 x 3	HD	UCWT2,5V40 L10 HD	60 x 156	10046010	\$ 77
	2,50	3,00	18,4 x 3	HD	UCWT3V40 L10 HD	60 x 156	10046011	\$ 79
	4,17	5,00	30,6 x 3	HD	UCWT5V40 L16 HD	60 x 211	10046012	\$ 98
	6,25	7,50	45,9 x 3	HD	UCWT7,5V40 N20 HD	75 x 225	11313784	\$ 142
	8,33	10,00	61,2 x 3	HD	UCWT10V40 N20 HD	75 x 225	11313787	\$ 162
	10,42	12,50	76,5 x 3	HD	UCWT12,5V40 N22 HD	75 x 285	11313820	\$ 181
	12,50	15,00	91,8 x 3	HD	UCWT15V40 N22 HD	75 x 285	11313821	\$ 199
	12,50	15,00	91,8 x 3	HD	UCWT15V40 Q26 HD	100 x 230	11916878	\$ 219
	14,58	17,50	107,2 x 3	HD	UCWT17,5V40 Q26 HD	100 x 230	11916880	\$ 302
	16,67	20,00	122,5 x 3	HD	UCWT20V40 Q26 HD	100 x 230	11916901	\$ 321
	18,75	22,50	137,8 x 3	HD	UCWT22,5V40 S26 HD	116 x 230	11916903	\$ 339
	20,83	25,00	153,1 x 3	HD	UCWT25V40 S26 HD	116 x 230	11916924	\$ 358
	25,00	30,00	183,7 x 3	HD	UCWT30V40 S28 HD	116 x 290	12272194	\$ 460
	29,17	35,00	214,3 x 3	HD	UCWT35V40 S28 HD	116 x 290	12267042	\$ 535
	33,33	40,00	244,9 x 3	HD	UCWT40V40 U28 HD	136 x 290	13365634	\$ 642
37,50	45,00	275,5 x 3	HD	UCWT45V40 U28 HD	136 x 290	13365636	\$ 661	
41,67	50,00	306,2 x 3	HD	UCWT50V40 U28 HD	136 x 290	13365637	\$ 688	
400	0,50	0,60	3,3 x 3	HD	UCWT0,5V44 L10 HD	60 x 156	10046056	\$ 62
	0,75	0,90	5 x 3	HD	UCWT0,75V44 L10 HD	60 x 156	10046057	\$ 64
	1,00	1,20	6,6 x 3	HD	UCWT1V44 L10 HD	60 x 156	10046058	\$ 67
	1,50	1,80	9,9 x 3	HD	UCWT1,5V44 L10 HD	60 x 156	10046059	\$ 71
	2,00	2,40	13,3 x 3	HD	UCWT2V44 L10 HD	60 x 156	10046060	\$ 75
	2,50	3,00	16,6 x 3	HD	UCWT2,5V44 L10 HD	60 x 156	10046061	\$ 79
	3,00	3,60	19,9 x 3	HD	UCWT3V44 L10 HD	60 x 156	10046062	\$ 84
	5,00	-	33,2 x 3	HD	UCWT5V44 L16 HD	60 x 211	10046063	\$ 102
	7,50	9,00	49,7 x 3	HD	UCWT7,5V44 N20 HD	75 x 225	11313822	\$ 146
	10,00	12,00	66,3 x 3	HD	UCWT10V44 N20 HD	75 x 225	11313824	\$ 166
	12,50	15,00	82,9 x 3	HD	UCWT12,5V44 N22 HD	75 x 285	11314662	\$ 185
	15,00	-	99,5 x 3	HD	UCWT15V44 N22 HD	75 x 285	11758282	\$ 204
	15,00	18,00	99,5 x 3	HD	UCWT15V44 Q26 HD	100 x 230	11894312	\$ 224
	17,50	-	116,1 x 3	HD	UCWT17,5V44 Q26 HD	100 x 230	11916969	\$ 275
	20,00	-	132,6 x 3	HD	UCWT20V44 Q26 HD	100 x 230	11916999	\$ 265
	22,50	-	149,2 x 3	HD	UCWT22,5V44 S26 HD	116 x 230	11917000	\$ 308
	25,00	-	165,8 x 3	HD	UCWT25V44 S26 HD	116 x 230	11894313	\$ 296
	30,00	-	198,9 x 3	HD	UCWT30V44 S28 HD	116 x 290	12272688	\$ 466
	35,00	-	232,1 x 3	HD	UCWT35V44 S28 HD	116 x 290	12272697	\$ 540
	40,00	48,00	265,3 x 3	HD	UCWT40V44 U28 HD	136 x 290	13365669	\$ 647
45,00	-	298,4 x 3	HD	UCWT45V44 U28 HD	136 x 290	13365670	\$ 667	

Notes: Discharge resistors already incorporated.  
Supplied in single quantity with nut and washer for fixing.

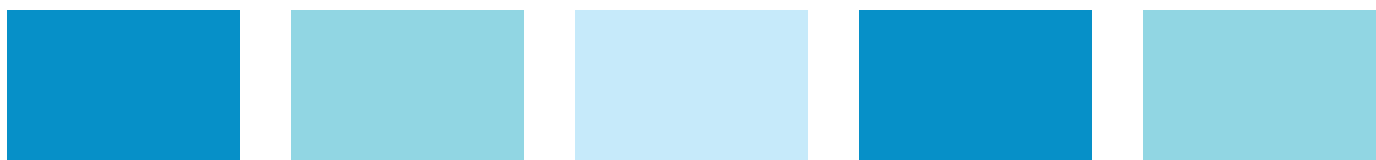
# Capacitors for Power Factor Correction



## UCWT HD - Heavy Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
415	0,37	0,44	2,3 x 3	HD	UCWT0,5V49 L10 HD	60 x 156	10046013	\$ 62
	0,44	0,53	2,7 x 3	HD	UCWT0,5V48 L10 HD	60 x 156	10072545	\$ 64
	0,56	0,67	3,4 x 3	HD	UCWT0,75V49 L10 HD	60 x 156	10046014	\$ 64
	0,67	0,80	4,1 x 3	HD	UCWT0,75V48 L10 HD	60 x 156	10072546	\$ 67
	0,74	0,89	4,6 x 3	HD	UCWT1V49 L10 HD	60 x 156	10046015	\$ 67
	0,89	1,07	5,5 x 3	HD	UCWT1V48 L10 HD	60 x 156	10072547	\$ 70
	1,11	1,33	6,9 x 3	HD	UCWT1,5V49 L10 HD	60 x 156	10046016	\$ 72
	1,33	1,60	8,2 x 3	HD	UCWT1,5V48 L10 HD	60 x 156	10046254	\$ 75
	1,48	1,78	9,1 x 3	HD	UCWT2V49 L10 HD	60 x 156	10046017	\$ 77
	1,78	2,14	11 x 3	HD	UCWT2V48 L10 HD	60 x 156	10072548	\$ 80
	1,85	2,22	11,4 x 3	HD	UCWT2,5V49 L10 HD	60 x 156	10046018	\$ 82
	2,22	2,67	13,7 x 3	HD	UCWT3V49 L10 HD	60 x 156	10046019	\$ 85
	2,67	3,20	16,4 x 3	HD	UCWT3V48 L16 HD	60 x 211	10072549	\$ 89
	3,71	4,45	22,8 x 3	HD	UCWT5V49 L16 HD	60 x 211	10046020	\$ 106
	4,45	-	27,4 x 3	HD	UCWT5V48 L16 HD	60 x 211	10046258	\$ 117
	5,56	6,67	34,3 x 3	HD	UCWT7,5V49 N20 HD	75 x 225	11314663	\$ 146
	6,67	8,01	41,1 x 3	HD	UCWT7,5V48 N20 HD	75 x 225	11758619	\$ 153
	7,41	8,90	45,7 x 3	HD	UCWT10V49 N20 HD	75 x 225	11758279	\$ 161
	8,90	10,68	54,8 x 3	HD	UCWT10V48 N22 HD	75 x 285	11758624	\$ 169
	9,27	11,12	57,1 x 3	HD	UCWT12,5V49 N22 HD	75 x 285	11314665	\$ 185
	11,12	13,34	68,5 x 3	HD	UCWT12,5V48 N22 HD	75 x 285	11758675	\$ 204
	11,12	13,34	68,5 x 3	HD	UCWT15V49 N22 HD	75 x 285	11314666	\$ 204
	11,12	13,34	68,5 x 3	HD	UCWT15V49 Q26 HD	100 x 230	11917005	\$ 224
	12,97	15,57	79,9 x 3	HD	UCWT17,5V49 Q26 HD	100 x 230	11917006	\$ 312
	13,34	16,01	82,2 x 3	HD	UCWT15V48 Q26 HD	100 x 230	11917040	\$ 286
	14,83	17,79	91,3 x 3	HD	UCWT20V49 Q26 HD	100 x 230	11917007	\$ 331
	15,57	18,68	95,9 x 3	HD	UCWT17,5V48 Q26 HD	100 x 230	11917041	\$ 351
	16,68	20,02	102,8 x 3	HD	UCWT22,5V49 S26 HD	116 x 230	11917018	\$ 350
	17,79	21,35	109,6 x 3	HD	UCWT20V48 S26 HD	116 x 230	11917043	\$ 339
	18,53	22,24	114,2 x 3	HD	UCWT25V49 S26 HD	116 x 230	11917021	\$ 369
	20,02	24,02	123,3 x 3	HD	UCWT22,5V48 S26 HD	116 x 230	11917045	\$ 394
	25,00	-	154 x 3	HD	UCWT25V48 S26 HD	116 x 230	11917058	\$ 410
	22,24	26,69	137 x 3	HD	UCWT30V49 S28 HD	116 x 290	12272719	\$ 470
25,95	31,14	159,8 x 3	HD	UCWT35V49 S28 HD	116 x 290	12272780	\$ 542	
29,65	35,58	182,7 x 3	HD	UCWT40V49 U28 HD	136 x 290	13365671	\$ 650	
33,36	40,03	205,5 x 3	HD	UCWT45V49 U28 HD	136 x 290	13365672	\$ 670	
37,07	44,48	228,4 x 3	HD	UCWT50V49 U28 HD	136 x 290	13365673	\$ 690	

Notes: Discharge resistors already incorporated.  
Supplied in single quantity with nut and washer for fixing.



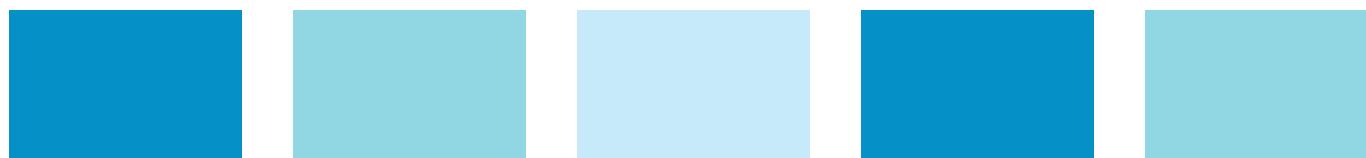
# Capacitors for Power Factor Correction



## UCWT HD - Heavy Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
440	0,42	0,50	2,3 x 3	HD	UCWTO,5V49 L10 HD	60 x 156	10046013	\$ 62
	0,50	0,60	2,7 x 3	HD	UCWTO,5V48 L10 HD	60 x 156	10072545	\$ 64
	0,63	0,75	3,4 x 3	HD	UCWTO,75V49 L10 HD	60 x 156	10046014	\$ 64
	0,75	0,90	4,1 x 3	HD	UCWTO,75V48 L10 HD	60 x 156	10072546	\$ 67
	0,83	1,00	4,6 x 3	HD	UCWT1V49 L10 HD	60 x 156	10046015	\$ 67
	1,00	1,20	5,5 x 3	HD	UCWT1V48 L10 HD	60 x 156	10072547	\$ 70
	1,25	1,50	6,9 x 3	HD	UCWT1,5V49 L10 HD	60 x 156	10046016	\$ 72
	1,50	1,80	8,2 x 3	HD	UCWT1,5V48 L10 HD	60 x 156	10046254	\$ 75
	1,67	2,00	9,1 x 3	HD	UCWT2V49 L10 HD	60 x 156	10046017	\$ 77
	2,00	2,40	11 x 3	HD	UCWT2V48 L10 HD	60 x 156	10072548	\$ 80
	2,08	2,50	11,4 x 3	HD	UCWT2,5V49 L10 HD	60 x 156	10046018	\$ 82
	2,50	3,00	13,7 x 3	HD	UCWT3V49 L10 HD	60 x 156	10046019	\$ 85
	3,00	3,60	16,4 x 3	HD	UCWT3V48 L16 HD	60 x 211	10072549	\$ 89
	4,17	5,00	22,8 x 3	HD	UCWT5V49 L16 HD	60 x 211	10046020	\$ 106
	5,00	-	27,4 x 3	HD	UCWT5V48 L16 HD	60 x 211	10046258	\$ 117
	6,25	7,50	34,3 x 3	HD	UCWT7,5V49 N20 HD	75 x 225	11314663	\$ 146
	7,50	9,00	41,1 x 3	HD	UCWT7,5V48 N20 HD	75 x 225	11758619	\$ 153
	8,33	10,00	45,7 x 3	HD	UCWT10V49 N20 HD	75 x 225	11758279	\$ 161
	10,00	12,00	54,8 x 3	HD	UCWT10V48 N22 HD	75 x 285	11758624	\$ 169
	10,42	12,50	57,1 x 3	HD	UCWT12,5V49 N22 HD	75 x 285	11314665	\$ 185
	12,50	15,00	68,5 x 3	HD	UCWT12,5V48 N22 HD	75 x 285	11758675	\$ 204
	12,50	15,00	68,5 x 3	HD	UCWT15V49 N22 HD	75 x 285	11314666	\$ 204
	12,50	15,00	68,5 x 3	HD	UCWT15V49 Q26 HD	100 x 230	11917005	\$ 224
	14,58	17,50	79,9 x 3	HD	UCWT17,5V49 Q26 HD	100 x 230	11917006	\$ 312
	15,00	18,00	82,2 x 3	HD	UCWT15V48 Q26 HD	100 x 230	11917040	\$ 286
	16,67	20,00	91,3 x 3	HD	UCWT20V49 Q26 HD	100 x 230	11917007	\$ 331
	17,50	-	95,9 x 3	HD	UCWT17,5V48 Q26 HD	100 x 230	11917041	\$ 351
	18,75	22,50	102,8 x 3	HD	UCWT22,5V49 S26 HD	116 x 230	11917018	\$ 350
	20,00	24,00	109,6 x 3	HD	UCWT20V48 S26 HD	116 x 230	11917043	\$ 339
	20,83	25,00	114,2 x 3	HD	UCWT25V49 S26 HD	116 x 230	11917021	\$ 369
22,50	-	123,3 x 3	HD	UCWT22,5V48 S26 HD	116 x 230	11917045	\$ 394	
25,00	-	137 x 3	HD	UCWT25V48 S26 HD	116 x 230	11917058	\$ 410	
25,00	30,00	137 x 3	HD	UCWT30V49 S28 HD	116 x 290	12272719	\$ 470	
29,17	35,00	159,8 x 3	HD	UCWT35V49 S28 HD	116 x 290	12272780	\$ 542	
33,33	40,00	182,7 x 3	HD	UCWT40V49 U28 HD	136 x 290	13365671	\$ 650	
37,50	45,00	205,5 x 3	HD	UCWT45V49 U28 HD	136 x 290	13365672	\$ 670	
41,67	50,00	228,4 x 3	HD	UCWT50V49 U28 HD	136 x 290	13365673	\$ 690	

Notes: Discharge resistors already incorporated.  
Supplied in single quantity with nut and washer for fixing.



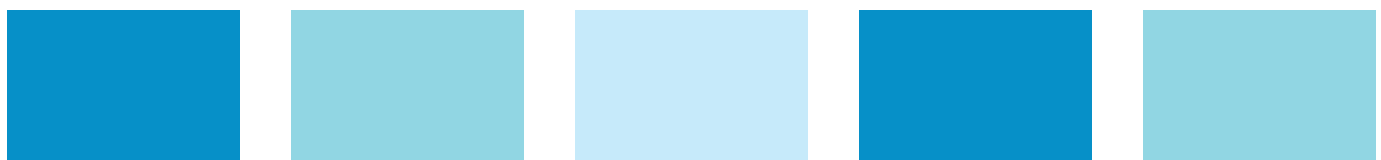
# Capacitors for Power Factor Correction



## UCWT HD - Heavy Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
480	0,42	0,50	1,9 x 3	HD	UCWT0,5V53 L10 HD	60 x 156	10045990	\$ 63
	0,50	0,60	2,3 x 3	HD	UCWT0,5V52 L10 HD	60 x 156	10046259	\$ 65
	0,63	0,75	2,9 x 3	HD	UCWT0,75V53 L10 HD	60 x 156	10045991	\$ 65
	0,75	0,90	3,5 x 3	HD	UCWT0,75V52 L10 HD	60 x 156	10072550	\$ 67
	0,83	1,00	3,8 x 3	HD	UCWT1V53 L10 HD	60 x 156	10045992	\$ 69
	1,00	1,20	4,6 x 3	HD	UCWT1V52 L10 HD	60 x 156	10072551	\$ 70
	1,25	1,50	5,8 x 3	HD	UCWT1,5V53 L10 HD	60 x 156	10045993	\$ 75
	1,50	1,80	6,9 x 3	HD	UCWT1,5V52 L10 HD	60 x 156	10072552	\$ 77
	1,67	2,00	7,7 x 3	HD	UCWT2V53 L10 HD	60 x 156	10045994	\$ 81
	2,00	2,40	9,2 x 3	HD	UCWT2V52 L10 HD	60 x 156	10072553	\$ 83
	2,08	2,50	9,6 x 3	HD	UCWT2,5V53 L10 HD	60 x 156	10045995	\$ 87
	2,50	3,00	11,5 x 3	HD	UCWT2,5V52 L10 HD	60 x 156	10072554	\$ 92
	3,00	3,60	13,8 x 3	HD	UCWT3V52 L10 HD	60 x 156	10072555	\$ 94
	4,17	5,00	19,2 x 3	HD	UCWT5V53 L16 HD	60 x 211	10045997	\$ 116
	5,00	-	23 x 3	HD	UCWT5V52 L16 HD	60 x 211	10072556	\$ 119
	6,25	7,50	28,8 x 3	HD	UCWT7,5V53 N20 HD	75 x 225	11314667	\$ 149
	7,50	9,00	34,5 x 3	HD	UCWT7,5V52 N20 HD	75 x 225	11758740	\$ 153
	8,33	10,00	38,4 x 3	HD	UCWT10V53 N20 HD	75 x 225	11314728	\$ 170
	10,00	12,00	46,1 x 3	HD	UCWT10V52 N22 HD	75 x 285	11758742	\$ 174
	10,42	12,50	48 x 3	HD	UCWT12,5V53 N22 HD	75 x 285	11314729	\$ 190
	12,50	15,00	57,6 x 3	HD	UCWT12,5V52 N22 HD	75 x 285	11758746	\$ 209
	12,50	15,00	57,6 x 3	HD	UCWT15V53 N22 HD	75 x 285	11314730	\$ 209
	12,50	15,00	57,6 x 3	HD	UCWT15V53 Q26 HD	100 x 230	11917060	\$ 230
	14,58	17,50	67,2 x 3	HD	UCWT17,5V53 Q26 HD	100 x 230	11917063	\$ 316
	15,00	18,00	69,1 x 3	HD	UCWT15V52 Q26 HD	100 x 230	11917094	\$ 294
	16,67	20,00	76,8 x 3	HD	UCWT20V53 Q26 HD	100 x 230	11917064	\$ 335
	17,50	-	80,6 x 3	HD	UCWT17,5V52 Q26 HD	100 x 230	11917095	\$ 358
	18,75	22,50	86,3 x 3	HD	UCWT22,5V53 S26 HD	116 x 230	11917065	\$ 354
	20,00	24,00	92,1 x 3	HD	UCWT20V52 S26 HD	116 x 230	11917097	\$ 381
	20,83	25,00	95,9 x 3	HD	UCWT25V53 S26 HD	116 x 230	11917066	\$ 374
	22,50	-	103,6 x 3	HD	UCWT22,5V52 S26 HD	116 x 230	11917128	\$ 412
	25,00	-	115,1 x 3	HD	UCWT25V52 S26 HD	116 x 230	11917129	\$ 425
25,00	30,00	115,1 x 3	HD	UCWT30V53 S28 HD	116 x 290	12272781	\$ 478	
29,17	35,00	134,3 x 3	HD	UCWT35V53 S28 HD	116 x 290	12272784	\$ 547	
33,33	40,00	153,5 x 3	HD	UCWT40V53 U28 HD	136 x 290	13365674	\$ 612	
37,50	45,00	172,7 x 3	HD	UCWT45V53 U28 HD	136 x 290	13365675	\$ 673	
41,67	50,00	191,9 x 3	HD	UCWT50V53 U28 HD	136 x 290	13365677	\$ 707	
525	5,00	-	19,2 x 3	HD	UCWT5VD2 L16 HD	60 x 211	12634786	\$ 143
	10,00	12,00	38,5 x 3	HD	UCWT10VD2 Q26 HD	100 x 230	12634787	\$ 267
	15,00	18,00	57,7 x 3	HD	UCWT15VD2 Q26 HD	100 x 230	12634848	\$ 427
	20,00	-	77 x 3	HD	UCWT20VD2 S26 HD	116 x 230	12634849	\$ 470
	25,00	30,00	96,2 x 3	HD	UCWT25VD2 S28 HD	116 x 290	12634850	\$ 547
	30,00	-	115,5 x 3	HD	UCWT30VD2 S28 HD	116 x 290	12634851	\$ 640
	40,00	48,00	154 x 3	HD	UCWT40VD2 U28 HD	136 x 290	13365679	\$ 768

Notes: Discharge resistors already incorporated.  
Supplied in single quantity with nut and washer for fixing.





# Capacitors for Power Factor Correction



## UCWT HD - Heavy Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
535	0,42	0,50	1,5 x 3	HD	UCWT0,5V57 L10 HD	60 x 156	10743966	\$ 64
	0,63	0,75	2,3 x 3	HD	UCWT0,75V57 L10 HD	60 x 156	10744000	\$ 66
	0,83	1,00	3,1 x 3	HD	UCWT1V57 L10 HD	60 x 156	10744001	\$ 69
	1,25	1,50	4,6 x 3	HD	UCWT1,5V57 L10 HD	60 x 156	10744036	\$ 75
	1,67	2,00	6,2 x 3	HD	UCWT2V57 L10 HD	60 x 156	10748191	\$ 82
	2,08	2,50	7,7 x 3	HD	UCWT2,5V57 L10 HD	60 x 156	10748192	\$ 87
	2,50	3,00	9,3 x 3	HD	UCWT3V57 L10 HD	60 x 156	10748195	\$ 92
	4,17	5,00	15,4 x 3	HD	UCWT5V57 L16 HD	60 x 211	10648884	\$ 116
	6,25	7,50	23,2 x 3	HD	UCWT7,5V57 N20 HD	75 x 225	11314731	\$ 208
	8,33	10,00	30,9 x 3	HD	UCWT10V57 N20 HD	75 x 225	11314732	\$ 222
	10,42	12,50	38,6 x 3	HD	UCWT12,5V57 N22 HD	75 x 285	11314733	\$ 242
	12,50	15,00	46,3 x 3	HD	UCWT15V57 N22 HD	75 x 285	11314734	\$ 263
	12,50	15,00	46,3 x 3	HD	UCWT15V57 Q26 HD	100 x 230	11917359	\$ 295
	14,58	17,50	54,1 x 3	HD	UCWT17,5V57 Q26 HD	100 x 230	11917361	\$ 328
	16,67	20,00	61,8 x 3	HD	UCWT20V57 Q26 HD	100 x 230	11917362	\$ 388
	18,75	22,50	69,5 x 3	HD	UCWT22,5V57 S26 HD	116 x 230	11917364	\$ 402
	20,83	25,00	77,2 x 3	HD	UCWT25V57 S26 HD	116 x 230	11917366	\$ 428
	25,00	30,00	92,7 x 3	HD	UCWT30V57 S28 HD	116 x 290	12273233	\$ 547
	29,17	35,00	108,1 x 3	HD	UCWT35V57 S28 HD	116 x 290	12273234	\$ 640
	33,33	40,00	123,6 x 3	HD	UCWT40V57 U28 HD	136 x 290	13365680	\$ 704
37,50	45,00	139 x 3	HD	UCWT45V57 U28 HD	136 x 290	13365682	\$ 776	
41,67	50,00	154,5 x 3	HD	UCWT50V57 U28 HD	136 x 290	13365683	\$ 739	
600	4,20	5,00	12,3 x 3	HD	UCWT5V103 N20 HD	75 x 225	15102473	\$ 268
	8,30	10,00	24,6 x 3	HD	UCWT10V103 N20 HD	75 x 225	15102474	\$ 302
	12,50	15,00	36,8 x 3	HD	UCWT15V103 Q26 HD	85 x 230	15102475	\$ 365
	16,70	20,00	49,1 x 3	HD	UCWT20V103 Q26 HD	100 x 230	15102476	\$ 428
	20,80	25,00	61,4 x 3	HD	UCWT25V103 S26 HD	116 x 230	15102477	\$ 490
	25,00	30,00	73,7 x 3	HD	UCWT30V103 S26 HD	116 x 230	15102738	\$ 570
	29,20	35,00	86 x 3	HD	UCWT35V103 U26 HD	136 x 230	15102739	\$ 638
	33,30	40,00	98,2 x 3	HD	UCWT40V103 U26 HD	136 x 230	15102740	\$ 715
	37,50	45,00	110,5 x 3	HD	UCWT45V103 U28 HD	136 x 290	15102741	\$ 813
41,70	50,00	122,8 x 3	HD	UCWT50V103 U28 HD	136 x 290	15006072	\$ 896	
660	3,80	4,60	9,3 x 3	HD	UCWT5V63 N20 HD	75 x 225	15102860	\$ 284
	7,60	9,10	18,6 x 3	HD	UCWT10V63 N20 HD	75 x 225	15102861	\$ 313
	11,40	13,70	27,9 x 3	HD	UCWT15V63 Q26 HD	85 x 230	15102862	\$ 374
	15,20	18,30	37,1 x 3	HD	UCWT20V63 Q26 HD	100 x 230	15102864	\$ 447
	19,10	22,90	46,4 x 3	HD	UCWT25V63 S26 HD	116 x 230	15102865	\$ 515
	22,90	27,40	55,7 x 3	HD	UCWT30V63 U26 HD	136 x 230	15102866	\$ 611
	26,70	32,00	65 x 3	HD	UCWT35V63 U26 HD	136 x 230	15102867	\$ 703
	30,50	36,60	74,3 x 3	HD	UCWT40V63 U28 HD	136 x 290	15102909	\$ 799
	34,30	41,20	83,6 x 3	HD	UCWT45V63 U28 HD	136 x 290	15102910	\$ 911
38,10	45,70	92,9 x 3	HD	UCWT50V63 U28 HD	136 x 290	15102911	\$ 1,007	
690	4,20	5,00	9,3 x 3	HD	UCWT5V63 N20 HD	75 x 225	15102860	\$ 284
	8,30	10,00	18,6 x 3	HD	UCWT10V63 N20 HD	75 x 225	15102861	\$ 313
	12,50	15,00	27,9 x 3	HD	UCWT15V63 Q26 HD	85 x 230	15102862	\$ 374
	16,70	20,00	37,1 x 3	HD	UCWT20V63 Q26 HD	100 x 230	15102864	\$ 447
	20,80	25,00	46,4 x 3	HD	UCWT25V63 S26 HD	116 x 230	15102865	\$ 611
	25,00	30,00	55,7 x 3	HD	UCWT30V63 U26 HD	136 x 230	15102866	\$ 515
	29,20	35,00	65 x 3	HD	UCWT35V63 U26 HD	136 x 230	15102867	\$ 703
	33,30	40,00	74,3 x 3	HD	UCWT40V63 U28 HD	136 x 290	15102909	\$ 799
	37,50	45,00	83,6 x 3	HD	UCWT45V63 U28 HD	136 x 290	15102910	\$ 911
41,70	50,00	92,9 x 3	HD	UCWT50V63 U28 HD	136 x 290	15102911	\$ 1,007	

Notes: Discharge resistors already incorporated.  
Supplied in single quantity with nut and washer for fixing.

# Capacitors for Power Factor Correction



## UCWT ND - Normal Duty Three-Phase Capacitor Unit

Voltage (V)	50 Hz	60 Hz	Capacitance (µF)	Serie	Part Number	Dimensions Ø x H (mm)	Material Number	List price each
	kvar	kvar						
220	2,5	3,0	54,8 x 3	ND	UCWT3V25 L10 ND	60 x 156	15546205	\$ 91
	4,2	5,0	91,3 x 3	ND	UCWT5V25 L16 ND	60 x 204	15435548	\$ 166
	6,3	7,5	137 x 3	ND	UCWT7,5V25 N20 ND	75 x 225	15546206	\$ 195
	8,3	10,0	182,7 x 3	ND	UCWT10V25 N20 ND	75 x 225	15546561	\$ 225
	12,5	15,0	274 x 3	ND	UCWT15V25 O26 ND	85 x 230	15544595	\$ 293
	16,7	20,0	365,4 x 3	ND	UCWT20V25 Q26 ND	100 x 230	15436224	\$ 359
240	2,5	3,0	46,1 x 3	ND	UCWT3V29 L10 ND	60 x 156	15737796	\$ 91
	4,2	5,0	76,8 x 3	ND	UCWT5V29 L16 ND	60 x 204	15737795	\$ 166
	6,3	7,5	115,1 x 3	ND	UCWT7,5V29 N20 ND	75 x 225	15737553	\$ 195
	8,3	10,0	153,5 x 3	ND	UCWT10V29 N20 ND	75 x 225	15737550	\$ 225
	12,5	15,0	230,3 x 3	ND	UCWT15V29 Q26 ND	100 x 230	15737315	\$ 293
	16,7	20,0	307 x 3	ND	UCWT20V29 Q26 ND	100 x 230	15737034	\$ 359
380	4,5	-	33,2 x 3	ND	UCWT5V44 L10 ND	60 x 156	14922267	\$ 82
	6,8	-	49,7 x 3	ND	UCWT7,5V44 L16 ND	60 x 204	14922332	\$ 117
	9,0	-	66,3 x 3	ND	UCWT10V44 N20 ND	75 x 225	14922337	\$ 133
	11,3	-	82,9 x 3	ND	UCWT12,5V44 N20 ND	75 x 225	15016523	\$ 148
	13,5	-	99,5 x 3	ND	UCWT15V44 N20 ND	75 x 225	14922370	\$ 179
	18,1	-	132,6 x 3	ND	UCWT20V44 Q26 ND	100 x 230	14959573	\$ 212
	22,6	-	165,8 x 3	ND	UCWT25V44 Q26 ND	100 x 230	14959574	\$ 237
	27,1	-	198,9 x 3	ND	UCWT30V44 S26 ND	116 x 230	14959576	\$ 373
400	5,0	-	33,2 x 3	ND	UCWT5V44 L10 ND	60 x 156	14922267	\$ 82
	7,5	-	49,7 x 3	ND	UCWT7,5V44 L16 ND	60 x 204	14922332	\$ 117
	10,0	-	66,3 x 3	ND	UCWT10V44 N20 ND	75 x 225	14922337	\$ 133
	12,5	-	82,9 x 3	ND	UCWT12,5V44 N20 ND	75 x 225	15016523	\$ 148
	15,0	-	99,5 x 3	ND	UCWT15V44 N20 ND	75 x 225	14922370	\$ 179
	20,0	-	132,6 x 3	ND	UCWT20V44 Q26 ND	100 x 230	14959573	\$ 212
	25,0	-	165,8 x 3	ND	UCWT25V44 Q26 ND	100 x 230	14959574	\$ 237
	30,0	-	198,9 x 3	ND	UCWT30V44 S26 ND	116 x 230	14959576	\$ 373
415	4,4	-	27,4 x 3	ND	UCWT5V48 L10 ND	60 x 156	14924810	\$ 94
	6,7	-	41,1 x 3	ND	UCWT7,5V48 L16 ND	60 x 204	14924811	\$ 123
	8,9	-	54,8 x 3	ND	UCWT10V48 N20 ND	75 x 225	14924812	\$ 136
	11,1	-	68,5 x 3	ND	UCWT12,5V48 O26 ND	85 x 230	15016524	\$ 163
	13,3	-	82,2 x 3	ND	UCWT15V48 O26 ND	85 x 230	14959880	\$ 229
	17,8	-	109,6 x 3	ND	UCWT20V48 Q26 ND	100 x 230	14959881	\$ 271
	22,2	-	137 x 3	ND	UCWT25V48 S26 ND	116 x 230	14959882	\$ 328
	26,7	-	164,4 x 3	ND	UCWT30V48 S26 ND	116 x 230	14959883	\$ 434
440	5,0	-	27,4 x 3	ND	UCWT5V48 L10 ND	60 x 156	14924810	\$ 94
	7,5	-	41,1 x 3	ND	UCWT7,5V48 L16 ND	60 x 204	14924811	\$ 123
	10,0	-	54,8 x 3	ND	UCWT10V48 N20 ND	75 x 225	14924812	\$ 136
	12,5	-	68,5 x 3	ND	UCWT12,5V48 O26 ND	85 x 230	15016524	\$ 163
	15,0	-	82,2 x 3	ND	UCWT15V48 O26 ND	85 x 230	14959880	\$ 229
	20,0	-	109,6 x 3	ND	UCWT20V48 Q26 ND	100 x 230	14959881	\$ 271
	25,0	-	137 x 3	ND	UCWT25V48 S26 ND	116 x 230	14959882	\$ 328
	30,0	-	164,4 x 3	ND	UCWT30V48 S26 ND	116 x 230	14959883	\$ 434
480	4,2	5,0	19,2 x 3	ND	UCWT5V53 L10 ND	60 x 156	14924817	\$ 93
	6,3	7,5	28,8 x 3	ND	UCWT7,5V53 L16 ND	60 x 204	14924898	\$ 120
	8,3	10,0	38,4 x 3	ND	UCWT10V53 N20 ND	75 x 225	14924899	\$ 136
	12,5	15,0	57,6 x 3	ND	UCWT15V53 O26 ND	85 x 230	14959885	\$ 167
	16,7	20,0	76,8 x 3	ND	UCWT20V53 Q26 ND	100 x 230	14959886	\$ 268
	20,8	25,0	95,9 x 3	ND	UCWT25V53 Q26 ND	100 x 230	14959887	\$ 299
	25,0	30,0	115,1 x 3	ND	UCWT30V53 S26 ND	116 x 230	14960058	\$ 340

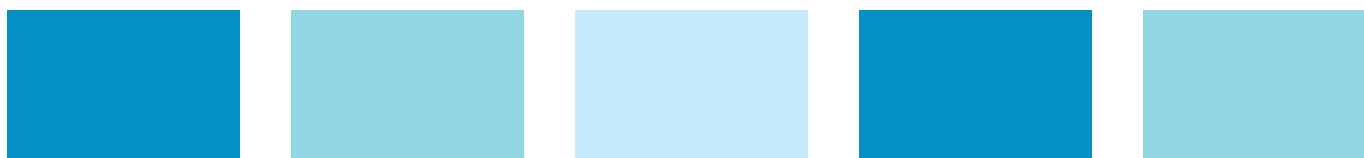
# Capacitors for Power Factor Correction

## MCW - Three-Phase Module Capacitor



Voltage (V)	50 Hz	60 Hz	Part Number	Composition (Δ Connection)	Dimensions (LxWxH) (mm)	Material Number	List price each
	kvar	kvar					
208	1,86	2,23	MCW2,5V25	3 x UCW0,83V25 L6	219 x 78 x 257	10045851	\$ 209
	3,72	4,47	MCW5V25	3 x UCW1,67V25 L6	219 x 78 x 257	10045799	\$ 244
	5,59	6,70	MCW7,5V25	3 x UCW2,5V25 L10	219 x 78 x 257	10186130	\$ 270
	7,45	8,94	MCW10V25	3 x UCW3,33V25 L10	219 x 78 x 257	10046861	\$ 315
	9,31	11,17	MCW12,5V25	1 x MCW10V25 + 1 x MCW2,5V25	219 x 156 x 257	11433560	\$ 662
	11,17	13,41	MCW15V25	1 x MCW10V25 + 1 x MCW5V25	219 x 156 x 257	11425743	\$ 646
	13,04	15,64	MCW17,5V25	1 x MCW10V25 + 1 x MCW7,5V25	219 x 156 x 257	11433563	\$ 686
	14,90	17,88	MCW20V25	2 x MCW10V25	219 x 156 x 257	10731824	\$ 690
	16,76	20,11	MCW22,5V25	2 x MCW10V25 + 1 x MCW2,5V25	219 x 234 x 257	11433565	\$ 1,003
	18,62	22,35	MCW25V25	2 x MCW10V25 + 1 x MCW5V25	219 x 234 x 257	10731826	\$ 994
	20,48	24,58	MCW27,5V25	2 x MCW10V25 + 1 x MCW7,5V25	219 x 234 x 257	11433566	\$ 1,027
22,35	26,82	MCW30V25	3 x MCW10V25	219 x 234 x 257	11433567	\$ 1,034	
220	2,08	2,50	MCW2,5V25	3 x UCW0,83V25 L6	219 x 78 x 257	10045851	\$ 209
	4,17	5,00	MCW5V25	3 x UCW1,67V25 L6	219 x 78 x 257	10045799	\$ 244
	6,25	7,50	MCW7,5V25	3 x UCW2,5V25 L10	219 x 78 x 257	10186130	\$ 270
	8,33	10,00	MCW10V25	3 x UCW3,33V25 L10	219 x 78 x 257	10046861	\$ 315
	10,42	12,50	MCW12,5V25	1 x MCW10V25 + 1 x MCW2,5V25	219 x 156 x 257	11433560	\$ 662
	12,50	15,00	MCW15V25	1 x MCW10V25 + 1 x MCW5V25	219 x 156 x 257	11425743	\$ 646
	14,58	17,50	MCW17,5V25	1 x MCW10V25 + 1 x MCW7,5V25	219 x 156 x 257	11433563	\$ 686
	16,67	20,00	MCW20V25	2 x MCW10V25	219 x 156 x 257	10731824	\$ 690
	18,75	22,50	MCW22,5V25	2 x MCW10V25 + 1 x MCW2,5V25	219 x 234 x 257	11433565	\$ 1,003
	20,83	25,00	MCW25V25	2 x MCW10V25 + 1 x MCW5V25	219 x 234 x 257	10731826	\$ 994
	22,92	27,50	MCW27,5V25	2 x MCW10V25 + 1 x MCW7,5V25	219 x 234 x 257	11433566	\$ 1,027
25,00	30,00	MCW30V25	3 x MCW10V25	219 x 234 x 257	11433567	\$ 1,034	
230	2,50	3,00	MCW2,5V34	3 x UCW0,83V34 L6	219 x 78 x 257	10072478	\$ 214
	5,00	6,00	MCW5V34	3 x UCW1,67V34 L6	219 x 78 x 257	10211646	\$ 253
	7,50	9,00	MCW7,5V34	3 x UCW2,5V34 L10	219 x 78 x 257	10211647	\$ 284
	10,00	-	MCW10V34	3 x UCW3,33V34 L10	219 x 78 x 257	11559337	\$ 297
240	2,08	2,50	MCW2,5V29	3 x UCW0,83V29 L4	219 x 78 x 257	10072559	\$ 209
	4,17	5,00	MCW5V29	3 x UCW1,67V29 L6	219 x 78 x 257	10045989	\$ 244
	6,25	7,50	MCW7,5V29	3 x UCW2,5V29 L10	219 x 78 x 257	10072302	\$ 270
	8,33	10,00	MCW10V29	3 x UCW3,3V29 L10	219 x 78 x 257	11214119	\$ 315

Note: Discharge resistors already incorporated.



# Capacitors for Power Factor Correction

## MCW - Three-Phase Module Capacitor



Voltage (V)	50 Hz	60 Hz	Part Number	Composition ( $\Delta$ Connection)	Dimensions (LxWxH) (mm)	Material Number	List price each
	kvar	kvar					
380	2,08	2,50	MCW2,5V40	3 x UCW0,83V40 L4	219 x 78 x 257	10452269	\$ 195
	4,17	5,00	MCW5V40	3 x UCW1,67V40 L4	219 x 78 x 257	10186090	\$ 208
	6,25	7,50	MCW7,5V40	3 x UCW2,5V40 L6	219 x 78 x 257	10186099	\$ 225
	8,33	10,00	MCW10V40	3 x UCW3,33V40 L8	219 x 78 x 257	10186092	\$ 243
	12,50	15,00	MCW15V40	3 x UCW5V40 L10	219 x 78 x 257	10186131	\$ 284
	14,58	17,50	MCW17,5V40	1 x MCW15V40 + 1 x MCW2,5V40	219 x 156 x 257	11433568	\$ 662
	16,67	20,00	MCW20V40	1 x MCW15V40 + 1 x MCW5V40	219 x 156 x 257	10073612	\$ 649
	18,75	22,50	MCW22,5V40	1 x MCW15V40 + 1 x MCW7,5V40	219 x 156 x 257	11433570	\$ 637
	20,83	25,00	MCW25V40	1 x MCW15V40 + 1 x MCW10V40	219 x 156 x 257	11363326	\$ 638
	22,92	27,50	MCW27,5V40	1 x MCW15V40 + 1 x MCW12,5V40	219 x 156 x 257	11433571	\$ 980
	25,00	30,00	MCW30V40	2 x MCW15V40	219 x 156 x 257	10212419	\$ 635
	29,17	35,00	MCW35V40	2 x MCW15V40 + 1 x MCW5V40	219 x 234 x 257	11433573	\$ 942
	33,33	40,00	MCW40V40	2 x MCW15V40 + 1 x MCW10V40	219 x 234 x 257	11433574	\$ 951
	37,50	45,00	MCW45V40	3 x MCW15V40	219 x 234 x 257	11433575	\$ 946
	400	41,67	50,00	MCW50V40	3 x MCW15V40 + 1 x MCW5V40	219 x 312 x 257	11433576
50,00		60,00	MCW60V40	4 x MCW15V40	219 x 312 x 257	11433577	\$ 1,406
2,50		3,00	MCW2,5V44	3 x UCW0,83V44 L4	219 x 78 x 257	10072333	\$ 199
5,00		6,00	MCW5V44	3 x UCW1,67V44 L4	219 x 78 x 257	10072334	\$ 213
7,50		9,00	MCW7,5V44	3 x UCW2,5V44 L6	219 x 78 x 257	10186140	\$ 234
415	10,00	12,00	MCW10V44	3 x UCW3,33V44 L8	219 x 78 x 257	10046040	\$ 252
	15,00	-	MCW15V44	3 x UCW5V44 L10	219 x 78 x 257	10046041	\$ 291
	1,85	2,22	MCW2,5V49	3 x UCW0,83V49 L4	219 x 78 x 257	10045854	\$ 195
	2,22	2,67	MCW2,5V48	3 x UCW0,83V48 L4	219 x 78 x 257	10072479	\$ 199
	3,71	4,45	MCW5V49	3 x UCW1,67V49 L4	219 x 78 x 257	10186091	\$ 208
	4,45	5,34	MCW5V48	3 x UCW1,67V48 L4	219 x 78 x 257	10072480	\$ 213
	5,56	6,67	MCW7,5V49	3 x UCW2,5V49 L6	219 x 78 x 257	10045855	\$ 225
	6,67	8,01	MCW7,5V48	3 x UCW2,5V48 L6	219 x 78 x 257	10072481	\$ 234
	7,41	8,90	MCW10V49	3 x UCW3,33V49 L8	219 x 78 x 257	10186093	\$ 243
	8,90	10,68	MCW10V48	3 x UCW3,33V48 L8	219 x 78 x 257	10072482	\$ 252
	11,12	13,34	MCW15V49	3 x UCW5V49 L10	219 x 78 x 257	10045983	\$ 284
	13,34	-	MCW15V48	3 x UCW5V48 L10	219 x 78 x 257	11608707	\$ 321
	12,97	15,57	MCW17,5V49	1 x MCW15V49 + 1 x MCW2,5V49	219 x 156 x 257	11433578	\$ 673
	14,83	17,79	MCW20V49	1 x MCW15V49 + 1 x MCW5V49	219 x 156 x 257	11338289	\$ 666
	16,68	20,02	MCW22,5V49	1 x MCW15V49 + 1 x MCW7,5V49	219 x 156 x 257	11433580	\$ 625
18,53	22,24	MCW25V49	1 x MCW15V49 + 1 x MCW10V49	219 x 156 x 257	11148586	\$ 634	

Note: Discharge resistors already incorporated.

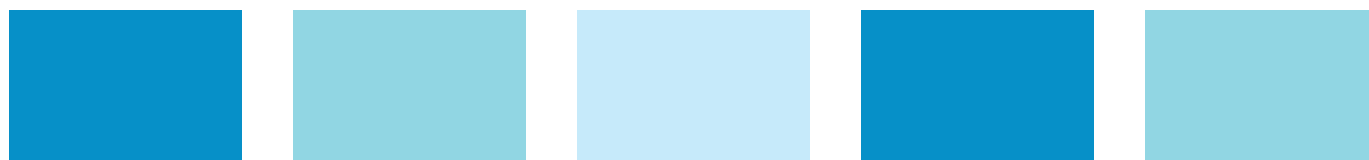
# Capacitors for Power Factor Correction

## MCW - Three-Phase Module Capacitor



Voltage (V)	50 Hz	60 Hz	Part Number	Composition (Δ Connection)	Dimensions (LxWxH) (mm)	Material Number	List price each
	kvar	kvar					
415	20,39	24,46	MCW27,5V49	1 x MCW15V49 + 1 x MCW12,5V49	219 x 156 x 257	11433582	\$ 999
	22,24	26,69	MCW30V49	2 x MCW15V49	219 x 156 x 257	10074765	\$ 609
	25,95	31,14	MCW35V49	2 x MCW15V49 + 1 x MCW5V49	219 x 234 x 257	11433584	\$ 925
	29,65	35,58	MCW40V49	2 x MCW15V49 + 1 x MCW10V49	219 x 234 x 257	11433585	\$ 935
	33,36	40,03	MCW45V49	3 x MCW15V49	219 x 234 x 257	11433586	\$ 949
	37,07	44,48	MCW50V49	3 x MCW15V49 + 1 x MCW5V49	219 x 312 x 257	11433587	\$ 1,339
440	44,48	53,38	MCW60V49	4 x MCW15V49	219 x 312 x 257	11338292	\$ 1,281
	2,08	2,50	MCW2,5V49	3 x UCW0,83V48 L4	219 x 78 x 257	10045854	\$ 195
	2,50	3,00	MCW2,5V48	3 x UCW0,83V48 L4	219 x 78 x 257	10072479	\$ 199
	4,17	5,00	MCW5V49	3 x UCW1,67V49 L4	219 x 78 x 257	10186091	\$ 208
	5,00	6,00	MCW5V48	3 x UCW1,67V48 L4	219 x 78 x 257	10072480	\$ 213
	6,25	7,50	MCW7,5V49	3 x UCW2,5V49 L6	219 x 78 x 257	10045855	\$ 225
	7,50	9,00	MCW7,5V48	3 x UCW2,5V48 L6	219 x 78 x 257	10072481	\$ 234
	8,33	10,00	MCW10V49	3 x UCW3,33V49 L8	219 x 78 x 257	10186093	\$ 243
	10,00	12,00	MCW10V48	3 x UCW3,33V48 L8	219 x 78 x 257	10072482	\$ 252
	12,50	15,00	MCW15V49	3 x UCW5V49 L10	219 x 78 x 257	10045983	\$ 284
	15,00	-	MCW15V48	3 x UCW5V48 L10	219 x 78 x 257	11608707	\$ 321
	14,58	17,50	MCW17,5V49	1 x MCW15V49 + 1 x MCW2,5V49	219 x 156 x 257	11433578	\$ 673
	16,67	20,00	MCW20V49	1 x MCW15V49 + 1 x MCW5V49	219 x 156 x 257	11338289	\$ 666
	18,75	22,50	MCW22,5V49	1 x MCW15V49 + 1 x MCW7,5V49	219 x 156 x 257	11433580	\$ 625
	20,83	25,00	MCW25V49	1 x MCW15V49 + 1 x MCW10V49	219 x 156 x 257	11148586	\$ 634
	22,92	27,50	MCW27,5V49	1 x MCW15V49 + 1 x MCW12,5V49	219 x 156 x 257	11433582	\$ 999
	25,00	30,00	MCW30V49	2 x MCW15V49	219 x 156 x 257	10074765	\$ 609
	29,17	35,00	MCW35V49	2 x MCW15V49 + 1 x MCW5V49	219 x 234 x 257	11433584	\$ 925
	33,33	40,00	MCW40V49	2 x MCW15V49 + 1 x MCW10V49	219 x 234 x 257	11433585	\$ 935
	37,50	45,00	MCW45V49	3 x MCW15V49	219 x 234 x 257	11433586	\$ 949
41,67	50,00	MCW50V49	3 x MCW15V49 + 1 x MCW5V49	219 x 312 x 257	11433587	\$ 1,339	
50,00	60,00	MCW60V49	4 x MCW15V49	219 x 312 x 257	11338292	\$ 1,281	

Note: Discharge resistors already incorporated.



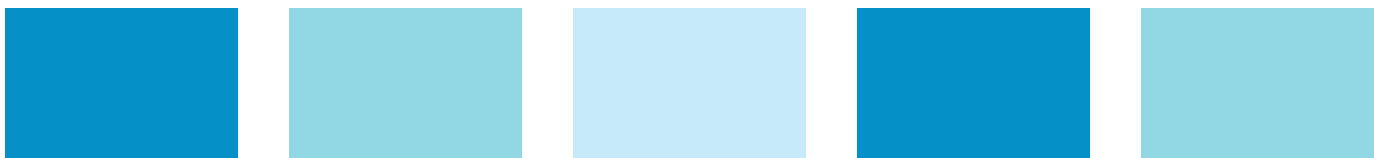
# Capacitors for Power Factor Correction

## MCW - Three-Phase Module Capacitor



Voltage (V)	50 Hz	60 Hz	Part Number	Composition ( $\Delta$ Connection)	Dimensions (LxWxH) (mm)	Material Number	List price each
	kvar	kvar					
480	2,08	2,50	MCW2,5V53	3 x UCW0,83V53 L6	219 x 78 x 257	10045856	\$ 204
	2,50	3,00	MCW2,5V52	3 x UCW0,83V52 L6	219 x 78 x 257	10072484	\$ 209
	4,17	5,00	MCW5V53	3 x UCW1,67V53 L6	219 x 78 x 257	10045857	\$ 218
	5,00	6,00	MCW5V52	3 x UCW1,67V52 L6	219 x 78 x 257	10072485	\$ 224
	6,25	7,50	MCW7,5V53	3 x UCW2,5V53 L6	219 x 78 x 257	10186100	\$ 237
	7,50	9,00	MCW7,5V52	3 x UCW2,5V52 L6	219 x 78 x 257	10072486	\$ 245
	8,33	10,00	MCW10V53	3 x UCW3,33V53 L8	219 x 78 x 257	10186101	\$ 255
	10,00	12,00	MCW10V52	3 x UCW3,33V52 L8	219 x 78 x 257	10072487	\$ 264
	12,50	15,00	MCW15V53	3 x UCW5V53 L10	219 x 78 x 257	10045984	\$ 298
	15,00	-	MCW15V52	3 x UCW5V52 L10	219 x 78 x 257	10072488	\$ 306
	14,58	17,50	MCW17,5V53	1 x MCW15V53 + 1 x MCW2,5V53	219 x 156 x 257	11433588	\$ 646
	2,50	20,00	MCW20V53	1 x MCW15V53 + 1 x MCW5V53	219 x 156 x 257	11433589	\$ 664
	18,75	22,50	MCW22,5V53	1 x MCW15V53 + 1 x MCW7,5V53	219 x 156 x 257	11433590	\$ 626
	5,00	25,00	MCW25V53	1 x MCW15V53 + 1 x MCW10V53	219 x 156 x 257	11433592	\$ 633
	22,92	27,50	MCW27,5V53	1 x MCW15V53 + 1 x MCW12,5V53	219 x 156 x 257	11433593	\$ 960
	7,50	30,00	MCW30V53	2 x MCW15V53	219 x 156 x 257	11088319	\$ 595
	29,17	35,00	MCW35V53	2 x MCW15V53 + 1 x MCW5V53	219 x 234 x 257	11114396	\$ 918
	10,00	40,00	MCW40V53	2 x MCW15V53 + 1 x MCW10V53	219 x 234 x 257	11433594	\$ 933
37,50	45,00	MCW45V53	3 x MCW15V53	219 x 234 x 257	11433596	\$ 913	
15,00	50,00	MCW50V53	3 x MCW15V53 + 1 x MCW5V53	219 x 312 x 257	11433597	\$ 1,311	
15,00	60,00	MCW60V53	4 x MCW15V53	219 x 312 x 257	11433608	\$ 1,331	
535	2,08	2,50	MCW2,5V57	3 x UCW0,83V57 L6	219 x 78 x 257	10073617	\$ 208
	4,17	5,00	MCW5V57	3 x UCW1,67V57 L6	219 x 78 x 257	10046601	\$ 222
	6,25	7,50	MCW7,5V57	3 x UCW2,5V57 L6	219 x 78 x 257	10046602	\$ 241
	8,33	10,00	MCW10V57	3 x UCW3,33V57 L6	219 x 78 x 257	10046603	\$ 258
	12,50	15,00	MCW15V57	3 x UCW5V57 L10	219 x 78 x 257	10046604	\$ 303

Note: Discharge resistors already incorporated.



## Accessories for Capacitors

### Bus Bar for Three-Phase Module Capacitor - MCW

Part Number	Packing (un.)	Material Number	List price each
BI MCW	3	10045985	\$ 10

### PAC - Nut and Washer for Capacitor Fixing

Part Number	Serie	Packing (un.)	Material Number	List price packing
PAC M8	A	3	10186133	\$ 1
PAC M12	B, C, D, E, F	3	10186132	\$ 1

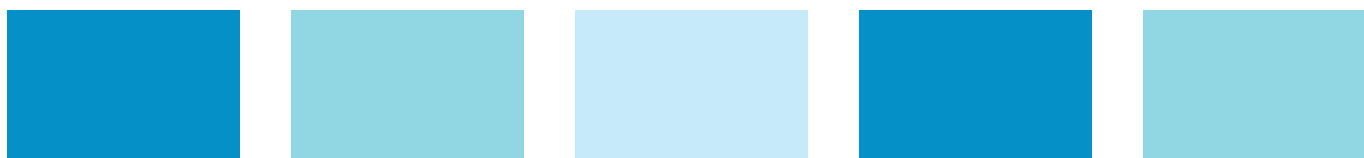
### RDC - Discharge Resistor for UCW

Part Number	Resistor	Serie	Packing (un.)	Material Number	List price each
RDC FIXO 56 k0hm 3 W-UCW	56 k0hm / 3 W	A, B	3	10683543	\$ 4
RDC FIXO 82 k0hm 3 W-UCW	82 k0hm / 3 W	A, B	3	10668936	\$ 4
RDC FIXO 120 k0hm 3 W-UCW	120 k0hm / 3 W	A, B	3	10668937	\$ 4
RDC FIXO 150 k0hm 3 W-UCW	150 k0hm / 3 W	A, B	3	10668968	\$ 4
RDC FIXO 180 k0hm 3 W-UCW	180 k0hm / 3 W	A, B	3	10668935	\$ 4
RDC FIXO 270 k0hm 3 W-UCW	270 k0hm / 3 W	A, B	3	10668970	\$ 4
RDC FIXO 390 k0hm 3 W-UCW	390 k0hm / 3 W	A, B	3	10671279	\$ 4
RDC FIXO 560 k0hm 3 W-UCW	560 k0hm / 3 W	A, B	3	10668971	\$ 4
RDC FIXO 1 MOhm 3 W-UCW	1 MOhm / 3 W	A, B	3	10668972	\$ 4
RDC FIXO 28 k0hm 6 W-UCW	28 k0hm / 6 W	C	3	11456258	\$ 8
RDC FIXO 41 k0hm 6 W-UCW	41 k0hm / 6 W	C	3	11456226	\$ 8
RDC FIXO 60 k0hm 6 W-UCW	60 k0hm / 6 W	C	3	11456252	\$ 8
RDC FIXO 75 k0hm 6 W-UCW	75 k0hm / 6 W	C	3	11456260	\$ 8
RDC FIXO 135 k0hm 6 W-UCW	135 k0hm / 6 W	C	3	11456259	\$ 8

### RDC - Discharge Resistor for UCW-T

Part Number	Resistor	Serie	Packing (un.)	Material Number	List price each
RDC FIXO 39 k0hm 3 W-UCW-T	3x39 k0hm / 3 W	E, F	3	11533460	Upon request
RDC FIXO 56 k0hm 3 W-UCW-T	3x56 k0hm / 3 W	E, F	3	11533414	Upon request
RDC FIXO 82 k0hm 3 W-UCW-T	3x82 k0hm / 3 W	E, F	3	11533458	Upon request
RDC FIXO 120 k0hm 3 W-UCW-T	3x120 k0hm / 3 W	E, F	3	11533462	Upon request
RDC FIXO 150 k0hm 3 W-UCW-T	3x150 k0hm / 3 W	E, F	3	11533468	Upon request
RDC FIXO 180 k0hm 3 W-UCW-T	3x180 k0hm / 3 W	E, F	3	11533417	Upon request
RDC FIXO 270 k0hm 3 W-UCW-T	3x270 k0hm / 3 W	E, F	3	11533461	Upon request
RDC FIXO 390 k0hm 3 W-UCW-T	3x390 k0hm / 3 W	E, F	3	11533415	Upon request
RDC FIXO 27 k0hm 5 W-UCW-T	3x27 k0hm / 5 W	E, F	3	12436423	Upon request
RDC FIXO 56 k0hm 5 W-UCW-T	3x56 k0hm / 5 W	E, F	3	12436744	Upon request
RDC FIXO 82 k0hm 5 W-UCW-T	3x82 k0hm / 5 W	E, F	3	12435787	Upon request

Note: Discharge resistor for 1/10 Un - 30 seconds.



# CMRW - Capacitors for Motor Run



250 V - 50/60 Hz

Part Number	Case size	Packing (un.)	Material Number			List price each	
			Wire (TF200)	Fast-on		Wire	Fast-on
				Simple (TS)	Double (TD)		
CMRW2D26 P0 B ♦EXP	25x56	80	10861435	10845371	10856965	\$ 5	\$ 5
CMRW3D26 P0 B ♦EXP	25x56	80	10861149	10845372	10857028	\$ 5	\$ 5
CMRW4D26 P0 B ♦EXP	25x56	80	10861329	10845373	10857036	\$ 5	\$ 5
CMRW5D26 P0 B ♦EXP	25x56	80	10798525	10845374	10857068	\$ 5	\$ 6
CMRW6D26 P0 B ♦EXP	30x56	80	10861151	10845452	10857070	\$ 6	\$ 6
CMRW7D26 P0 B ♦EXP	30x56	80	10861153	10845455	10857118	\$ 6	\$ 7
CMRW8D26 P0 B ♦EXP	30x56	80	10794601	10845456	10857119	\$ 7	\$ 7
CMRW9D26 P0 B ♦EXP	30x56	80	10861157	10845457	10857120	\$ 7	\$ 7
CMRW10D26 P0 B ♦EXP	30x56	80	10794605	10845519	10857121	\$ 7	\$ 8
CMRW11D26 P0 B ♦EXP	30x56	80	10861204	10845521	10857122	\$ 7	\$ 8
CMRW12D26 P0 B ♦EXP	35x56	70	10861205	10845522	10857125	\$ 8	\$ 9
CMRW13D26 P0 B ♦EXP	35x56	70	10861206	10845523	10857127	\$ 8	\$ 9
CMRW14D26 P0 B ♦EXP	35x56	70	10861207	10845524	10857148	\$ 8	\$ 9
CMRW15D26 P0 B ♦EXP	35x56	70	10861268	10845525	10857150	\$ 9	\$ 9
CMRW16D26 P0 B ♦EXP	35x56	70	10861269	10845526	10857151	\$ 9	\$ 10
CMRW17D26 P0 B ♦EXP	35x74	70	10861270	10845527	10857157	\$ 9	\$ 10
CMRW18D26 P0 B ♦EXP	35x74	70	10861271	10845598	10857208	\$ 10	\$ 10
CMRW19D26 P0 B ♦EXP	35x74	70	10861273	10845599	10857209	\$ 10	\$ 10
CMRW20D26 P0 B ♦EXP	35x74	70	10794681	10845600	10857212	\$ 10	\$ 10
CMRW25D26 P0 B ♦EXP	35x74	70	10794685	10806700	10857213	\$ 11	\$ 12
CMRW30D26 P0 B ♦EXP	35x74	70	Upon request	Upon request	Upon request	\$ 13	\$ 14
CMRW35D26 P0 B ♦EXP	40x78	30	Upon request	Upon request	Upon request	\$ 15	\$ 15
CMRW40D26 P0 B ♦EXP	40x78	30	Upon request	Upon request	Upon request	\$ 16	\$ 16
CMRW45D26 P0 B ♦EXP	40x94	30	10861274	10803754	10792950	\$ 17	\$ 18
CMRW50D26 P0 B ♦EXP	40x94	30	Upon request	Upon request	Upon request	\$ 19	\$ 19
CMRW60D26 P0 B ♦EXP	45x94	30	10861275	10857035	10857339	\$ 21	\$ 22

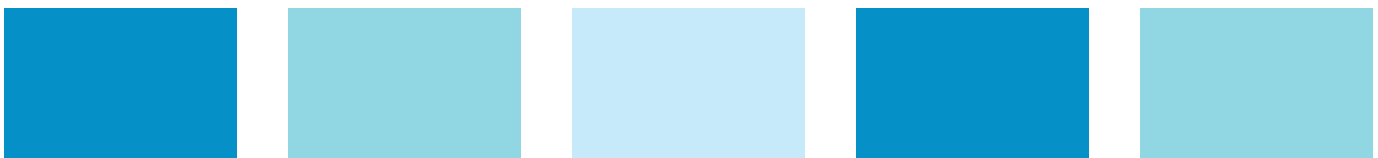
Notes: 1) Capacitors with terminal type TD, case size is 30x56.

Article numbers for other capacitances upon request.

Also available with fixation screw M8x10. Price list + 1.

"PAC M-8" - Set with 3 Nuts + 3 Spring washers (art. number 10211644) - Package with 100 Sets. Price per set = 1.

♦ Terminal type: Replace by TF200, TS or TD.





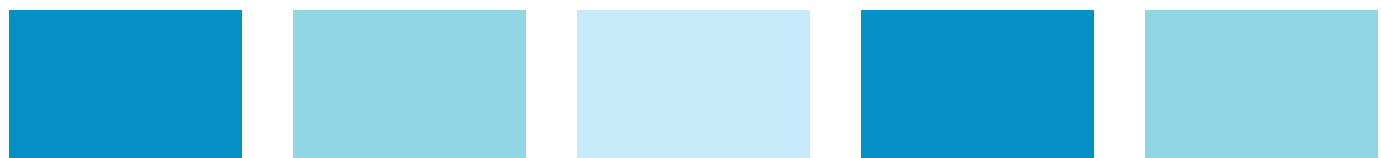
# CMRW - Capacitors for Motor Run



400 V - 50/60 Hz

Part Number	Case size	Packing (un.)	Material Number			List price each	
			Wire (TF200)	Fast-on		Wire	Fast-on
				Simple (TS)	Double (TD) <sup>1)</sup>		
CMRW2D34 P0 B ♦EXP	25x56	80	10857341	10861330	10795003	\$ 5	\$ 5
CMRW3D34 P0 B ♦EXP	25x56	80	10857344	10861331	10861332	\$ 5	\$ 6
CMRW4D34 P0 B ♦EXP	25x56	80	10804932	10803871	10798692	\$ 5	\$ 6
CMRW5D34 P0 B ♦EXP	30x56	80	10805193	10803836	10798694	\$ 6	\$ 7
CMRW6D34 P0 B ♦EXP	30x56	80	10805196	10861334	10798698	\$ 6	\$ 7
CMRW7D34 P0 B ♦EXP	30x56	80	10857361	10791698	10861335	\$ 7	\$ 7
CMRW8D34 P0 B ♦EXP	35x56	70	10805200	10861337	10798701	\$ 7	\$ 8
CMRW9D34 P0 B ♦EXP	35x56	70	10857364	10861378	10861379	\$ 7	\$ 7
CMRW10D34 P0 B ♦EXP	35x56	70	10805204	10861380	10798729	\$ 8	\$ 9
CMRW11D34 P0 B ♦EXP	35x56	70	10857366	10861437	10861742	\$ 8	\$ 9
CMRW12D34 P0 B ♦EXP	35x56	70	10805210	10861745	10798734	\$ 9	\$ 9
CMRW13D34 P0 B ♦EXP	35x74	70	10857379	10861747	10861770	\$ 9	\$ 10
CMRW14D34 P0 B ♦EXP	35x74	70	10857382	10861774	10798736	\$ 9	\$ 10
CMRW15D34 P0 B ♦EXP	35x74	70	10857384	10806752	10798739	\$ 10	\$ 10
CMRW16D34 P0 B ♦EXP	35x74	70	10805216	10861776	10799319	\$ 10	\$ 11
CMRW17D34 P0 B ♦EXP	35x74	70	10857402	10861779	10861781	\$ 10	\$ 11
CMRW18D34 P0 B ♦EXP	40x78	30	15592597	Upon request	14363062	\$ 11	\$ 12
CMRW19D34 P0 B ♦EXP	40x78	30	Upon request	Upon request	Upon request	\$ 11	\$ 12
CMRW20D34 P0 B ♦EXP	40x78	30	14376531	Upon request	14359448	\$ 12	\$ 13
CMRW25D34 P0 B ♦EXP	40x94	30	10807106	10806816	10799324	\$ 14	\$ 14
CMRW30D34 P0 B ♦EXP	40x94	30	10807140	10861818	10803761	\$ 15	\$ 16
CMRW35D34 P0 B ♦EXP	45x94	30	10807147	10861820	10803795	\$ 17	\$ 18
CMRW40D34 P0 B ♦EXP	45x94	30	10807178	10861821	10803796	\$ 18	\$ 19
CMRW45D34 P0 B ♦EXP	45x94	30	10861849	Upon request	10804725	\$ 20	\$ 21
CMRW50D34 P0 B ♦EXP	45x94	30	10791632	10861852	10791692	\$ 22	\$ 23
CMRW60D34 P0 B ♦EXP	55x94	20	10861858	Upon request	10861861	\$ 27	\$ 28

Notes: 1) Capacitors with terminal type TD, case size is 30x56.  
 Article numbers for other capacitances upon request.  
 Also available with fixation screw M8x10. Price list + 1.  
 "PAC M-8" - Set with 3 Nuts + 3 Spring washers (art. number 10211644) - Package with 100 Sets. Price per set = 1.  
 ♦ Terminal type: Replace by TF200, TS or TD.



# CMRW - Capacitors for Motor Run

440 V - 50/60 Hz



Part Number	Case size	Packing (un.)	Material Number			List price each	
			Wire (TF200)	Fast-on		Wire	Fast-on
				Simple (TS)	Double (TD) <sup>1)</sup>		
CMRW2D36 P0 B ♦EXP	25x56	80	10815885	10834708	Upon request	\$ 5	\$ 5
CMRW3D36 P0 B ♦EXP	25x56	80	10815912	10834710	10835987	\$ 5	\$ 6
CMRW4D36 P0 B ♦EXP	30x56	80	10801367	10834994	10836014	\$ 6	\$ 7
CMRW5D36 P0 B ♦EXP	30x56	80	10861879	10835020	10836017	\$ 6	\$ 7
CMRW6D36 P0 B ♦EXP	35x56	70	10815917	10835023	10836021	\$ 7	\$ 8
CMRW7D36 P0 B ♦EXP	35x56	70	10815939	10835024	10836024	\$ 7	\$ 8
CMRW8D36 P0 B ♦EXP	35x56	70	10801402	10835027	10836026	\$ 8	\$ 8
CMRW9D36 P0 B ♦EXP	35x74	70	10861882	10835043	10836038	\$ 8	\$ 9
CMRW10D36 P0 B ♦EXP	35x74	70	10801438	10835100	10836041	\$ 9	\$ 9
CMRW11D36 P0 B ♦EXP	35x74	70	10815970	10835102	10836045	\$ 9	\$ 9
CMRW12D36 P0 B ♦EXP	35x74	70	10815977	10835118	10836066	\$ 9	\$ 10
CMRW13D36 P0 B ♦EXP	35x74	70	10815999	10835126	10836088	\$ 10	\$ 10
CMRW14D36 P0 B ♦EXP	40x78	30	14373463	Upon request	Upon request	\$ 11	\$ 11
CMRW15D36 P0 B ♦EXP	40x78	30	Upon request	14483317	14915087	\$ 11	\$ 12
CMRW16D36 P0 B ♦EXP	40x78	30	14365524	Upon request	Upon request	\$ 12	\$ 12
CMRW17D36 P0 B ♦EXP	40x78	30	Upon request	Upon request	Upon request	\$ 10	\$ 12
CMRW18D36 P0 B ♦EXP	45x74	30	10816083	10835946	10836144	\$ 13	\$ 14
CMRW19D36 P0 B ♦EXP	45x74	30	Upon request	10835958	10836145	\$ 14	\$ 14
CMRW20D36 P0 B ♦EXP	45x74	30	10801445	10835961	10801610	\$ 14	\$ 14
CMRW25D36 P0 B ♦EXP	45x94	30	10801500	10835963	10836146	\$ 16	\$ 16
CMRW30D36 P0 B ♦EXP	45x94	30	10801527	10835965	10801616	\$ 17	\$ 18
CMRW35D36 P0 B ♦EXP	45x94	30	10801550	10835980	10801617	\$ 18	\$ 20

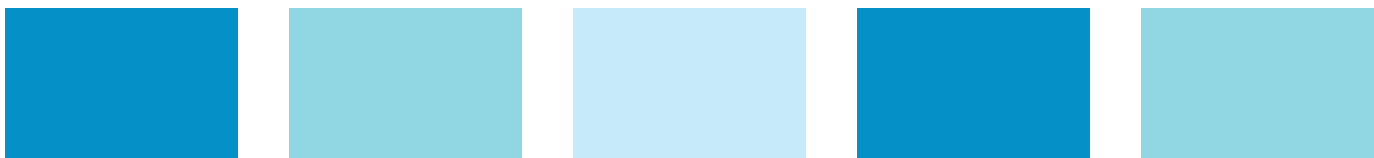
Notes: 1) Capacitors with terminal type TD, case size is 30x56.

Article numbers for other capacitances upon request.

Also available with fixation screw M8x10. Price list + 1.

"PAC M-8" - Set with 3 Nuts + 3 Spring washers (art. number 10211644) - Package with 100 Sets. Price per set = 1.

♦ Terminal type: Replace by TF200, TS or TD.



## MMW - Power Meter



Part Number	Frequency (Hz)	Dimensions H x W x D (mm)	Voltage measurement input (V)	Current measurement input (A)	Material Number	List price each
MMW03	45 - 65	96 x 96 x 80	10 - 500	0,01 - 6	14386964	\$ 422
MMW03-CH	45 - 65	96 x 96 x 80	10 - 500	0,01 - 6	14386967	\$ 772
MMW03-M22CH	45 - 65	96 x 96 x 80	10 - 500	0,01 - 6	14387019	\$ 1,408
MMW03-M22CHB	45 - 65	96 x 96 x 80	10 - 500	0,01 - 6	14387025	\$ 1,193

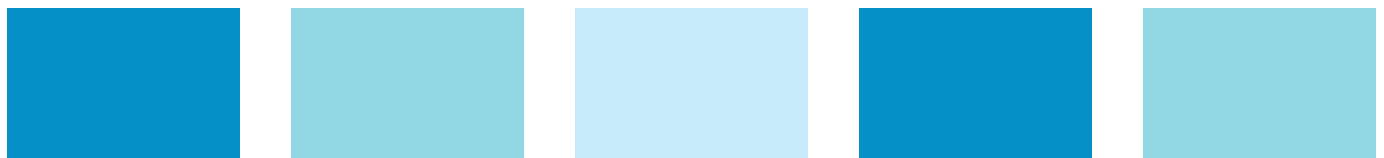
## PFW - Power Factor Controller



Part Number	Frequency (Hz)	Dimensions H x W x D (mm)	Measurement	Number of steps	Power supply	Material Number	List price each
PFW03-M8	45 - 65	96 x 96x 80	1 phase	8	120...510 V	14387138	\$ 844
PFW03-M12	45 - 65	144 x 144 x 75	1 phase	12	95...410 V	14387141	\$ 932
PFW03-M24	45 - 65	144 x 144 x 75	1 phase	24	95...272 V	14387143	\$ 1,135
PFW03-T12	45 - 65	144 x 144 x 75	3 phases	12	95-272 V	14387080	\$ 1,368
PFW03-T24	45 - 65	144 x 144 x 75	3 phases	24	95-272 V	14387086	\$ 1,659

## Accessories

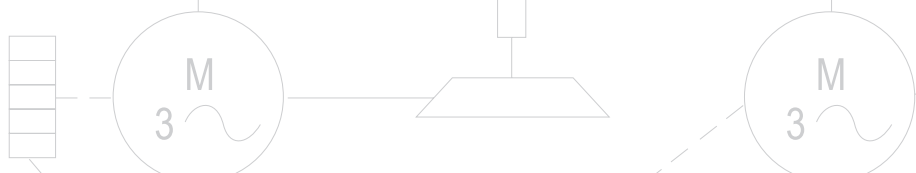
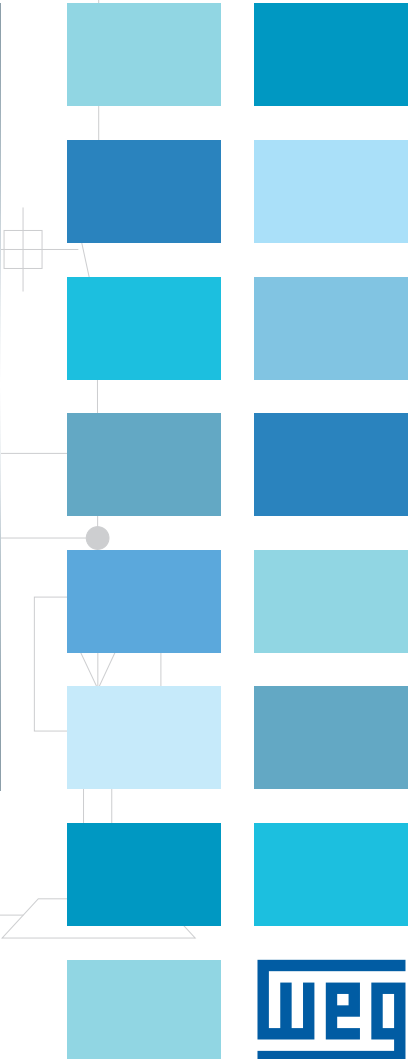
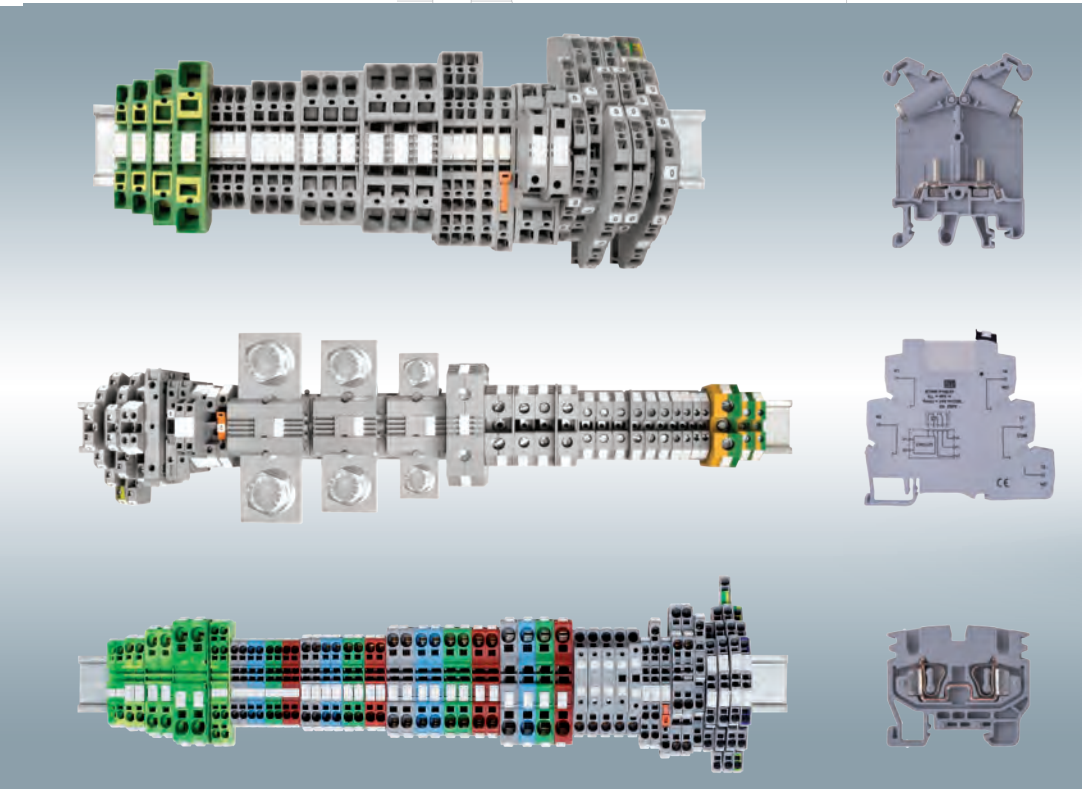
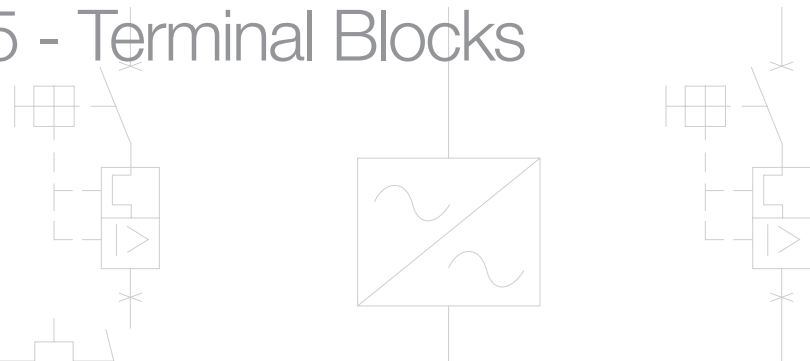
Part Number	Function	Material Number	List price each
IP66 COVER	MBN96X96	14432877	\$ 24





# Automation

## Book 5 - Terminal Blocks



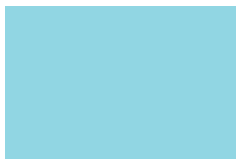
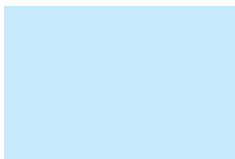
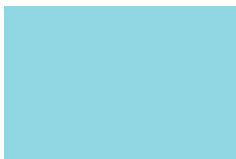
**PAMENSKY**





# Summary

- Screw Type Terminal Blocks - BTWP ..... 5-4
- Accessories for Screw Type Terminal Blocks ..... 5-5
- Spring Clamp Type (Push-In) Terminal Blocks - BTWI ..... 5-6
- Accessories for Spring Clamp Type (Push-In) Terminal Blocks ..... 5-7
- Spring Clamp Type Terminal Blocks - BTWM ..... 5-8
- Accessories for Spring Clamp Type Terminal Blocks ..... 5-9
- Special Terminal Blocks ..... 5-10
- Mini Terminal Blocks ..... 5-11
- Interface Relay - BTWR ..... 5-12
- General Accessories for Terminal Blocks ..... 5-13



# Terminal Blocks

## Screw Type Terminal Blocks - BTWP

Terminal block	Description	Cross-section (mm <sup>2</sup> )	Packing (un.)	Part Number	Material Number	List price (pack)
Standard type	Terminal 2.5 mm <sup>2</sup>	2.5	100	BTWP 2.5 <sup>1)</sup>	10261734	\$ 187
	Terminal 2.5 mm <sup>2</sup> (blue)	2.5	100	BTWP 2.5-AZ <sup>1)</sup>	10289144	\$ 187
	Terminal 2.5 mm <sup>2</sup> (green)	2.5	100	BTWP 2.5-VD <sup>1)</sup>	10289145	\$ 187
	Terminal 2.5 mm <sup>2</sup> (red)	2.5	100	BTWP 2.5-VM <sup>1)</sup>	11458086	\$ 187
	Terminal 4 mm <sup>2</sup>	4	100	BTWP 4 <sup>1)</sup>	10261735	\$ 227
	Terminal 4 mm <sup>2</sup> (blue)	4	100	BTWP 4-AZ <sup>1)</sup>	10289146	\$ 227
	Terminal 4 mm <sup>2</sup> (green)	4	100	BTWP 4-VD <sup>1)</sup>	10289147	\$ 227
	Terminal 4 mm <sup>2</sup> (red)	4	100	BTWP 4-VM <sup>1)</sup>	11458178	\$ 227
	Terminal 6 mm <sup>2</sup>	6	100	BTWP 6 <sup>1)</sup>	10261736	\$ 303
	Terminal 6 mm <sup>2</sup> (blue)	6	100	BTWP 6-AZ <sup>1)</sup>	10289148	\$ 303
	Terminal 6 mm <sup>2</sup> (green)	6	100	BTWP 6-VD <sup>1)</sup>	10289149	\$ 303
	Terminal 6 mm <sup>2</sup> (red)	6	100	BTWP 6-VM <sup>1)</sup>	11458179	\$ 303
	Terminal 10 mm <sup>2</sup>	10	100	BTWP 10 <sup>1)</sup>	10261737	\$ 379
	Terminal 10 mm <sup>2</sup> (blue)	10	100	BTWP 10-AZ <sup>1)</sup>	10289150	\$ 379
	Terminal 10 mm <sup>2</sup> (green)	10	100	BTWP 10-VD <sup>1)</sup>	10289151	\$ 379
	Terminal 10 mm <sup>2</sup> (red)	10	100	BTWP 10-VM <sup>1)</sup>	11458180	\$ 379
	Terminal 16 mm <sup>2</sup>	16	50	BTWP 16 <sup>1)</sup>	10261738	\$ 297
	Terminal 16 mm <sup>2</sup> (blue)	16	50	BTWP 16-AZ <sup>1)</sup>	10289152	\$ 297
	Terminal 16 mm <sup>2</sup> (green)	16	50	BTWP 16-VD <sup>1)</sup>	10289461	\$ 297
	Terminal 16 mm <sup>2</sup> (red)	16	50	BTWP 16-VM <sup>1)</sup>	11458181	\$ 297
	Terminal 35 mm <sup>2</sup>	35	40	BTWP 35 <sup>1)</sup>	10261739	\$ 447
	Terminal 35 mm <sup>2</sup> (blue)	35	40	BTWP 35-AZ <sup>1)</sup>	10289462	\$ 447
	Terminal 35 mm <sup>2</sup> (green)	35	40	BTWP 35-VD <sup>1)</sup>	10289463	\$ 447
	Terminal 35 mm <sup>2</sup> (red)	35	40	BTWP 35-VM <sup>1)</sup>	11458182	\$ 447
Terminal 70 mm <sup>2</sup>	70	10	BTWP 70 <sup>1)</sup>	10261740	\$ 394	
Terminal 70 mm <sup>2</sup> (blue)	70	10	BTWP 70-AZ <sup>1)</sup>	10289464	\$ 394	
Terminal 70 mm <sup>2</sup> (green)	70	10	BTWP 70-VD <sup>1)</sup>	10289465	\$ 394	
Terminal 70 mm <sup>2</sup> (red)	70	10	BTWP 70-VM <sup>1)</sup>	11458184	\$ 394	
High current type	Terminal 95 mm <sup>2</sup>	95	4	BTWP 95B	10261741	\$ 249
	Terminal 150 mm <sup>2</sup>	150	4	BTWP 150B	10261742	\$ 315
	Terminal 240 mm <sup>2</sup>	240	4	BTWP 240B	10261743	\$ 437
Earth type	Earth terminal 2.5/4 mm <sup>2</sup>	4	50	BTWP 2.5/4T-VD/AM <sup>1)</sup>	10261744	\$ 428
	Earth terminal 6/10 mm <sup>2</sup>	10	25	BTWP 6/10T-VD/AM <sup>1)</sup>	10261745	\$ 267
	Earth terminal 16 mm <sup>2</sup>	16	50	BTWP 16T-VD/AM <sup>1)</sup>	11716372	\$ 534
	Earth terminal 35 mm <sup>2</sup>	35	40	BTWP 35T-VD/AM <sup>1)</sup>	11716376	\$ 717
Double type	Double terminal 2.5 mm <sup>2</sup>	2.5	100	BTWD 2.5N <sup>1)</sup>	10261747	\$ 661
	Double terminal 4 mm <sup>2</sup>	4	100	BTWD 4N <sup>1)</sup>	10261748	\$ 676
	Double terminal 4 mm <sup>2</sup> w/ jumper	4	20	BTWD 4NK <sup>1)</sup>	11031838	\$ 271
Triple type	Triple terminal 2.5 mm <sup>2</sup>	2.5	20	BTWT 3 D36 <sup>1)</sup>	10261749	\$ 225
	Terminal 2P+T 2.5 mm <sup>2</sup>	2.5	20	BTWT 2T D36 <sup>1)</sup>	10261750	\$ 250
	Terminal 3P+T 2.5 mm <sup>2</sup>	2.5	20	BTWT 3T D36 <sup>1)</sup>	10261751	\$ 350
Sensor type	Sensor terminal 2.5 mm <sup>2</sup>	2.5	20	BTWT 3S <sup>1)</sup>	10261752	\$ 142
Disconnect	Disconnect terminal 4 mm <sup>2</sup>	4	50	BTWS 3A <sup>1)</sup>	10261753	\$ 321
Disconnect	Disconnect/test terminal 6 mm <sup>2</sup>	6	50	BTWA 3	12641814	\$ 1,086
Diode	Diode terminal 4 mm <sup>2</sup>	4	20	BTWM 4D	15164024	\$ 475
Fuse terminal	Fuse terminal 4 mm <sup>2</sup>	4	30	BTWS 3M <sup>1)</sup>	10261756	\$ 331
	Fuse terminal 6 mm <sup>2</sup>	6	50	BTWS 2S <sup>1)</sup>	10261754	\$ 734
	Fuse terminal 6 mm <sup>2</sup>	6	20	BTWS 4S <sup>1)</sup>	10261760	\$ 272
	Fuse terminal 6 mm <sup>2</sup> w/ 24 V dc LED	6	25	BTWS 2LD C03 <sup>1)</sup>	10261755	\$ 660
Fuse terminal w/ LED	Fuse terminal 6 mm <sup>2</sup> w/ 110 V ac LED	6	25	BTWS 2LD D13 <sup>1)</sup>	10847567	\$ 660
	Fuse terminal 6 mm <sup>2</sup> w/ 220 Vac LED	6	25	BTWS 2LD D23 <sup>1)</sup>	10847581	\$ 660
Special type	Terminal 1IN 2OUT 4 mm <sup>2</sup>	4	50	BTWP 4C <sup>1)</sup>	10261762	\$ 318

Note: 1) UL listed.



# Terminal Blocks

## Accessories for Screw Type Terminal Blocks



Accessory	Description	Packing (un.)	Part Number	Material Number	List price (pack)
End plate	End plate	100	TF-BTWP 2.5-10	10261763	\$ 91
	End plate (blue)	100	TF-BTWP 2.5-10-AZ	10289466	\$ 91
	End plate (green)	100	TF-BTWP 2.5-10-VD	10289467	\$ 91
	End plate (red)	100	TF-BTWP 2.5-10-VM	11461173	\$ 91
	End plate (yellow)	100	TF-BTWP 2.5-10-AM	11742898	\$ 91
	End plate	100	TF-BTWP 16	10261764	\$ 131
	End plate (blue)	100	TF-BTWP 16-AZ	10289468	\$ 131
	End plate (green)	100	TF-BTWP 16-VD	10261777	\$ 131
	End plate (red)	100	TF-BTWP 16-VM	11461174	\$ 131
	End plate	25	TF-BTWD 2.5-4 N	10261765	\$ 42
	End plate	10	TF-BTWT 3	10261766	\$ 17
	End plate	10	TF-BTWT 2T	10261767	\$ 14
	End plate	10	TF-BTWT 3T	10261768	\$ 19
	End plate	10	TF-BTWT 3S	10261769	\$ 17
	End plate	10	TF-BTWS 3	10261770	\$ 12
	End plate	10	TF-BTWS 2	10261771	\$ 17
	End plate	10	TF-BTWP 4 C	10261772	\$ 17
	End plate	25	TF-BTWA 10/1A	12641812	\$ 65
	End platet	20	TF-BTWM 4 D	15164020	\$ 34
Insulation cover	Insulation cover	4	TI-BTWP 95	10261775	\$ 59
	Insulation cover	4	TI-BTWP 150	10261776	\$ 69
	Insulation cover	4	TI-BTWP 240	10288979	\$ 102
Partition	Partition	25	PD-BTWP 2.5-10	10261773	\$ 32
	Partition	25	PD-BTWP 16	10261774	\$ 38
	Partition	25	PD-BTW 35 CZ	11546465	\$ 70
Small partition	Small partition	100	PS1-BTWP	10288980	\$ 50
Cross-connection	Cross-connection 2.5 mm <sup>2</sup> (2P)	25	PC-BTWP 2.5/2	10288981	\$ 66
	Cross-connection 2.5 mm <sup>2</sup> (3P)	20	PC-BTWP 2.5/3	10288982	\$ 76
	Cross-connection 2.5 mm <sup>2</sup> (4P)	15	PC-BTWP 2.5/4	10288983	\$ 74
	Cross-connection 2.5 mm <sup>2</sup> (10P)	5	PC-BTWP 2.5/10	10288984	\$ 59
	Cross-connection 4 mm <sup>2</sup> (2P)	25	PC-BTWP 4/2	10288985	\$ 78
	Cross-connection 4 mm <sup>2</sup> (3P)	20	PC-BTWP 4/3	10288986	\$ 91
	Cross-connection 4 mm <sup>2</sup> (4P)	15	PC-BTWP 4/4	10288987	\$ 90
	Cross-connection 4 mm <sup>2</sup> (10P)	5	PC-BTWP 4/10	10288988	\$ 72
	Cross-connection 6 mm <sup>2</sup> (2P)	25	PC-BTWP 6/2	10288989	\$ 80
	Cross-connection 6 mm <sup>2</sup> (3P)	20	PC-BTWP 6/3	10288990	\$ 92
	Cross-connection 6 mm <sup>2</sup> (4P)	15	PC-BTWP 6/4	10288991	\$ 91
	Cross-connection 6 mm <sup>2</sup> (10P)	5	PC-BTWP 6/10	10288992	\$ 74
	Cross-connection 10 mm <sup>2</sup> (2P)	25	PC-BTWP 10/2	10288993	\$ 86
	Cross-connection 10 mm <sup>2</sup> (3P)	20	PC-BTWP 10/3	10288994	\$ 100
	Cross-connection 10 mm <sup>2</sup> (4P)	15	PC-BTWP 10/4	10288995	\$ 98
	Cross-connection 10 mm <sup>2</sup> (10P)	5	PC-BTWP 10/10	10288996	\$ 80
	Cross-connection 16 mm <sup>2</sup> (2P)	25	PC-BTWP 16/2	10288997	\$ 115
	Cross-connection 16 mm <sup>2</sup> (3P)	20	PC-BTWP 16/3	10288998	\$ 135
	Cross-connection 16 mm <sup>2</sup> (4P)	15	PC-BTWP 16/4	10288999	\$ 134
	Cross-connection 16 mm <sup>2</sup> (10P)	5	PC-BTWP 16/10	10289000	\$ 110
	Cross-connection 35 mm <sup>2</sup> (2P)	25	PC-BTWP 35/2	10289001	\$ 225
	Cross-connection 35 mm <sup>2</sup> (3P)	20	PC-BTWP 35/3	10289002	\$ 273
	Cross-connection 35 mm <sup>2</sup> (4P)	15	PC-BTWP 35/4	10289003	\$ 249
	Cross-connection 35 mm <sup>2</sup> (10P)	5	PC-BTWP 35/10	10289004	\$ 173
	Cross-connection 2.5 mm <sup>2</sup> (2P)	25	PC-BTWT 2.5/2	10289005	\$ 65
	Cross-connection 2.5 mm <sup>2</sup> (3P)	20	PC-BTWT 2.5/3	10289006	\$ 81
	Cross-connection 2.5 mm <sup>2</sup> (4P)	15	PC-BTWT 2.5/4	10289007	\$ 83
	Cross-connection 2.5 mm <sup>2</sup> (10P)	5	PC-BTWT 2.5/10	10289008	\$ 64
	Cross-connection 6 mm <sup>2</sup> (2P)	25	PC-BTWA 6/2	12691714	\$ 65
	Cross-connection 6 mm <sup>2</sup> (3P)	20	PC-BTWA 6/3	12691716	\$ 81
Cross-connection 6 mm <sup>2</sup> (4P)	15	PC-BTWA 6/4	12691739	\$ 73	
Cross-connection 6 mm <sup>2</sup> (10P)	5	PC-BTWA 6/10	12691740	\$ 59	

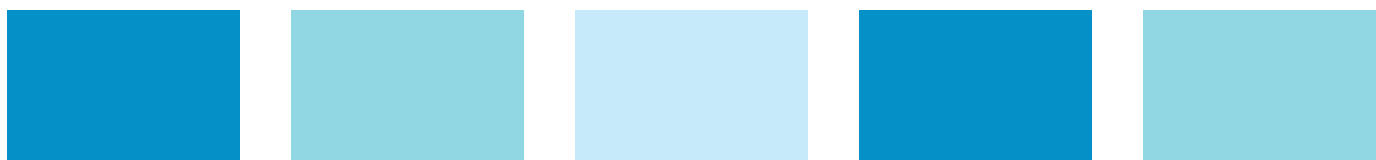
# Terminal

## Spring Clamp Type (Push-In) Terminal Blocks - BTWI



Terminal block	Description	Cross-section (mm <sup>2</sup> )	Packing (un.)	Reference	Material Number	List price (pack)
Standard type	Terminal 2.5 mm <sup>2</sup>	2.5	100	BTWI 2.5 <sup>1)</sup>	11992035	\$ 213
	Terminal 2.5 mm <sup>2</sup> (blue)	2.5	100	BTWI 2.5-AZ <sup>1)</sup>	11992332	\$ 213
	Terminal 2.5 mm <sup>2</sup> (green)	2.5	100	BTWI 2.5-VD <sup>1)</sup>	11992333	\$ 213
	Terminal 2.5 mm <sup>2</sup> (red)	2.5	100	BTWI 2.5-VM <sup>1)</sup>	11992334	\$ 213
	Terminal 4 mm <sup>2</sup>	4	100	BTWI 4 <sup>1)</sup>	11992036	\$ 283
	Terminal 4 mm <sup>2</sup> (blue)	4	100	BTWI 4-AZ <sup>1)</sup>	11992335	\$ 283
	Terminal 4 mm <sup>2</sup> (green)	4	100	BTWI 4-VD <sup>1)</sup>	11992336	\$ 283
	Terminal 4 mm <sup>2</sup> (red)	4	100	BTWI 4-VM <sup>1)</sup>	11992337	\$ 283
	Terminal 6 mm <sup>2</sup>	6	60	BTWI 6 <sup>1)</sup>	11992037	\$ 261
	Terminal 6 mm <sup>2</sup> (blue)	6	60	BTWI 6-AZ <sup>1)</sup>	11992358	\$ 261
	Terminal 6 mm <sup>2</sup> (green)	6	60	BTWI 6-VD <sup>1)</sup>	11992362	\$ 261
	Terminal 6 mm <sup>2</sup> (red)	6	60	BTWI 6-VM <sup>1)</sup>	11992374	\$ 261
	Terminal 10 mm <sup>2</sup>	10	50	BTWI 10	11992178	\$ 302
	Terminal 10 mm <sup>2</sup> (blue)	10	50	BTWI 10-AZ	11992375	\$ 302
	Terminal 10 mm <sup>2</sup> (green)	10	50	BTWI 10-VD	11992377	\$ 302
Terminal 10 mm <sup>2</sup> (red)	10	50	BTWI 10-VM	11992408	\$ 302	
Earth type	Earth terminal 2.5 mm <sup>2</sup>	2.5	50	BTWI 2.5T-VD/AM <sup>1)</sup>	11992179	\$ 357
	Earth terminal 4 mm <sup>2</sup>	4	50	BTWI 4T-VD/AM <sup>1)</sup>	11992181	\$ 364
	Earth terminal 6 mm <sup>2</sup>	6	60	BTWI 6T-VD/AM <sup>1)</sup>	11992182	\$ 526
	Earth terminal 10 mm <sup>2</sup>	10	25	BTWI 10T-VD/AM	11992185	\$ 310
	Double earth terminal 2.5 mm <sup>2</sup>	2.5	50	BTWI 2.5 CT-VD/AM <sup>1)</sup>	11992331	\$ 469
Double type	Double terminal 2.5 mm <sup>2</sup>	2.5	40	BTWI 2.5-2F	11992186	\$ 252
	Double terminal 4 mm <sup>2</sup>	4	25	BTWI 4-2F <sup>1)</sup>	11992187	\$ 148
	Double terminal 4 mm <sup>2</sup> w/ jumper	4	25	BTWI 4-2FK	11992220	\$ 295
Triple type	Triple terminal 2.5 mm <sup>2</sup>	2.5	30	BTWI 2.5-3F	11992222	\$ 254
	Terminal 2P+T 2.5 mm <sup>2</sup>	2.5	30	BTWI 2.5-2FT	11992224	\$ 431
	Terminal 3P+T 2.5 mm <sup>2</sup>	2.5	30	BTWI 2.5-3FT	11992225	\$ 488
Sensor type	Sensor term. 2.5 mm <sup>2</sup>	2.5	20	BTWI 3S	11992227	\$ 113
Disconnect	Disconnect term. 2.5 mm <sup>2</sup>	2.5	50	BTWI 2.5 A <sup>1)</sup>	11992238	\$ 449
Fuse terminal	Fuse terminal 4 mm <sup>2</sup>	4	15	BTWI S	11992246	\$ 135
	Fuse terminal 4 mm <sup>2</sup>	4	15	BTWI I	11992328	\$ 157
Fuse terminal w/LED	Fuse terminal 6 mm <sup>2</sup> w/ 24 V dc LED	4	15	BTWI SLD C03	11992409	\$ 242
	Fuse terminal 6 mm <sup>2</sup> w/ 110 V ac LED	4	15	BTWI SLD D13	11992412	\$ 242
	Fuse terminal 6 mm <sup>2</sup> w/ 220 V ac LED	4	15	BTWI SLD D23	11992247	\$ 242
Special type	Terminal 1IN 20OUT 2.5 mm <sup>2</sup>	2.5	50	BTWI 2.5 E <sup>1)</sup>	11992329	\$ 171
	Terminal 2IN 20OUT 2.5 mm <sup>2</sup>	2.5	50	BTWI 2.5 C <sup>1)</sup>	11992330	\$ 230

Note: 1) UL listed.

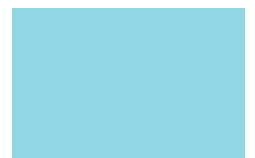
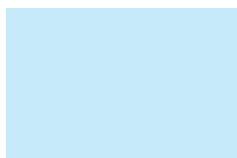


# Terminal Blocks

## Accessories for Spring Clamp Type (Push-In) Terminal Blocks



Accessory	Description	Packing (un.)	Part Number	Material Number	List price (pack)
End plate	End plate	100	TF-BTWI 2.5	11991377	82
	End plate (blue)	100	TF-BTWI 2.5-AZ	11991492	\$ 82
	End plate (green)	100	TF-BTWI 2.5-VD	11991494	\$ 82
	End plate (red)	100	TF-BTWI 2.5-VM	11991493	\$ 82
	End plate	100	TF-BTWI 4	11991459	\$ 111
	End plate (blue)	100	TF-BTWI 4-AZ	11991495	\$ 111
	End plate (green)	100	TF-BTWI 4-VD	11991496	\$ 111
	End plate (red)	100	TF-BTWI 4-VM	11991498	\$ 111
	End plate	100	TF-BTWI 6	11991460	\$ 123
	End plate (blue)	100	TF-BTWI 6-AZ	11991499	\$ 123
	End plate (green)	100	TF-BTWI 6-VD	11991501	\$ 123
	End plate (red)	100	TF-BTWI 6-VM	11991502	\$ 123
	End plate	100	TF-BTWI 10	11991462	\$ 137
	End plate (blue)	100	TF-BTWI 10-AZ	11991503	\$ 137
	End plate (green)	100	TF-BTWI 10-VD	11991504	\$ 137
	End plate (red)	100	TF-BTWI 10-VM	11991505	\$ 137
	End plate (green)	10	TF-BTWI 2.5 T	12165379	\$ 9
	End plate (green)	10	TF-BTWI 4 T	12165380	\$ 12
	End plate (green)	10	TF-BTWI 6 T	12165383	\$ 13
	End plate (green)	10	TF-BTWI 10 T	12165384	\$ 14
	End plate	10	TF-BTWI 2.5 CT	11991491	\$ 15
	End plate	50	TF-BTWI 2.5 -2F	11991463	\$ 59
	End plate	25	TF-BTWI 4 -2F	11991464	\$ 40
	End plate	10	TF-BTWI 2.5 -3F	11991465	\$ 17
	End plate	10	TF-BTWI 2.5 -3FT	11991466	\$ 26
	End plate	10	TF-BTWI 3S	11991467	\$ 30
	End plate	10	TF-BTWI 2.5 A	11991488	\$ 65
	End plate	10	TF-BTWI 2.5 E	11991489	\$ 18
End plate	10	TF-BTWI 2.5 C	11991490	\$ 28	
Cross-connection	Cross-connection 2.5 mm <sup>2</sup> (2P)	25	PC-BTWM 2.5/2	10289044	\$ 41
	Cross-connection 2.5 mm <sup>2</sup> (3P)	20	PC-BTWM 2.5/3	10289045	\$ 52
	Cross-connection 2.5 mm <sup>2</sup> (4P)	15	PC-BTWM 2.5/4	10289046	\$ 44
	Cross-connection 2.5 mm <sup>2</sup> (10P)	5	PC-BTWM 2.5/10	10289047	\$ 33
	Cross-connection 4 mm <sup>2</sup> (2P)	25	PC-BTWM 4/2	10289048	\$ 45
	Cross-connection 4 mm <sup>2</sup> (3P)	20	PC-BTWM 4/3	10289049	\$ 55
	Cross-connection 4 mm <sup>2</sup> (4P)	15	PC-BTWM 4/4	10289050	\$ 49
	Cross-connection 4 mm <sup>2</sup> (10P)	5	PC-BTWM 4/10	10289051	\$ 35
	Cross-connection 6 mm <sup>2</sup> (2P)	25	PC-BTWM 6/2	10289052	\$ 59
	Cross-connection 6 mm <sup>2</sup> (3P)	20	PC-BTWM 6/3	10289053	\$ 65
	Cross-connection 6 mm <sup>2</sup> (4P)	15	PC-BTWM 6/4	10289054	\$ 63
	Cross-connection 6 mm <sup>2</sup> (10P)	5	PC-BTWM 6/10	10289055	\$ 49
	Cross-connection 10 mm <sup>2</sup> (2P)	25	PC-BTWM 10/2	10289056	\$ 102
	Cross-connection 10 mm <sup>2</sup> (3P)	20	PC-BTWM 10/3	10289057	\$ 126
	Cross-connection 10 mm <sup>2</sup> (4P)	15	PC-BTWM 10/4	10289058	\$ 121
	Cross-connection 10 mm <sup>2</sup> (10P)	5	PC-BTWM 10/10	10289059	\$ 88



# Terminal Blocks

## Spring Clamp Type Terminal Blocks - BTWM



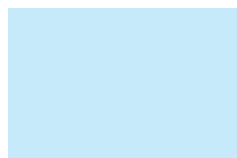
Terminal block	Description	Cross-section (mm <sup>2</sup> )	Packing (un.)	Part Number	Material Number	List price (pack)
Standard type	Terminal 2.5 mm <sup>2</sup>	2.5	100	BTWM 2.5 <sup>1)</sup>	10289013	\$ 222
	Terminal 2.5 mm <sup>2</sup> (blue)	2.5	100	BTWM 2.5-AZ <sup>1)</sup>	10289583	\$ 222
	Terminal 2.5 mm <sup>2</sup> (green)	2.5	100	BTWM 2.5-VD <sup>1)</sup>	10289584	\$ 222
	Terminal 2.5 mm <sup>2</sup> (red)	2.5	100	BTWM 2.5-VM <sup>1)</sup>	11458186	\$ 222
	Terminal 4 mm <sup>2</sup>	4	100	BTWM 4 <sup>1)</sup>	10289014	\$ 297
	Terminal 4 mm <sup>2</sup> (blue)	4	100	BTWM 4-AZ <sup>1)</sup>	10289585	\$ 297
	Terminal 4 mm <sup>2</sup> (green)	4	100	BTWM 4-VD <sup>1)</sup>	10289586	\$ 297
	Terminal 4 mm <sup>2</sup> (red)	4	100	BTWM 4-VM <sup>1)</sup>	11458187	\$ 297
	Terminal 6 mm <sup>2</sup>	6	100	BTWM 6 <sup>1)</sup>	10289015	\$ 454
	Terminal 6 mm <sup>2</sup> (blue)	6	100	BTWM 6-AZ <sup>1)</sup>	10289587	\$ 454
	Terminal 6 mm <sup>2</sup> (green)	6	100	BTWM 6-VD <sup>1)</sup>	10289588	\$ 454
	Terminal 6 mm <sup>2</sup> (red)	6	100	BTWM 6-VM <sup>1)</sup>	11458198	\$ 454
	Terminal 10 mm <sup>2</sup>	10	50	BTWM 10 <sup>1)</sup>	10289016	\$ 318
	Terminal 10 mm <sup>2</sup> (blue)	10	50	BTWM 10-AZ <sup>1)</sup>	10289589	\$ 318
Terminal 10 mm <sup>2</sup> (green)	10	50	BTWM 10-VD <sup>1)</sup>	10289590	\$ 318	
Terminal 10 mm <sup>2</sup> (red)	10	50	BTWM 10-VM <sup>1)</sup>	11458199	\$ 318	
Earth type	Earth terminal 2.5 mm <sup>2</sup>	2.5	50	BTWM 2.5T-VD/AM <sup>1)</sup>	10289017	\$ 376
	Earth terminal 4 mm <sup>2</sup>	4	50	BTWM 4T-VD/AM <sup>1)</sup>	10289018	\$ 383
	Earth terminal 6 mm <sup>2</sup>	6	40	BTWM 6T-VD/AM <sup>1)</sup>	10289019	\$ 369
	Earth terminal 10 mm <sup>2</sup>	10	30	BTWM 10T-VD/AM <sup>1)</sup>	10289020	\$ 392
	Double earth terminal 2.5 mm <sup>2</sup>	2.5	50	BTWM 2.5CT-VD/AM <sup>1)</sup>	10289960	\$ 494
Double type	Double terminal 2.5 mm <sup>2</sup>	2.5	30	BTWM 2.5-2F <sup>1)</sup>	10289021	\$ 199
	Double terminal 4 mm <sup>2</sup>	4	50	BTWM 4-2F <sup>1)</sup>	10289022	\$ 310
	Double terminal 4 mm <sup>2</sup> w/ jumper	4	20	BTWM 4-2FK	11031843	\$ 248
Triple type	Triple terminal 2.5 mm <sup>2</sup>	2.5	30	BTWM 2.5-3F <sup>1)</sup>	10289023	\$ 267
	Terminal 2P+T 2.5 mm <sup>2</sup>	2.5	30	BTWM 2.5-2FT <sup>1)</sup>	10289024	\$ 454
	Terminal 3P+T 2.5 mm <sup>2</sup>	2.5	20	BTWM 2.5-3FT <sup>1)</sup>	10289025	\$ 342
Sensor type	Sensor term. 2.5 mm <sup>2</sup>	2.5	20	BTWM 3S	10289026	\$ 119
Disconnect	Disconnect term. 2.5 mm <sup>2</sup>	2.5	50	BTWM 2.5A <sup>1)</sup>	10289027	\$ 472
Fuse terminal	Fuse terminal 4 mm <sup>2</sup>	4	20	BTWM S <sup>1)</sup>	10289028	\$ 189
	Fuse terminal 4 mm <sup>2</sup>	4	20	BTWM I <sup>1)</sup>	10289030	\$ 220
Fuse terminal w/LED	Fuse terminal 6 mm <sup>2</sup> w/ 24 V dc LED	4	20	BTWM SLD C03	10289029	\$ 340
	Fuse terminal 6 mm <sup>2</sup> w/ 110 V ac LED	4	20	BTWM SLD D13	10847582	\$ 340
	Fuse terminal 6 mm <sup>2</sup> w/ 220 V ac LED	4	20	BTWM SLD D23	10847583	\$ 340
Special type	Terminal 1IN 20OUT 2.5 mm <sup>2</sup>	2.5	50	BTWM 2.5E <sup>1)</sup>	10289958	\$ 179
	Terminal 2IN 20OUT 2.5 mm <sup>2</sup>	2.5	50	BTWM 2.5C <sup>1)</sup>	10289959	\$ 242

# Terminal Blocks

## Accessories for Spring Clamp Type Terminal Blocks



Accessory	Description	Packing (un.)	Part Number	Material Number	List price (pack)	
End plate	End plate	100	TF-BTWM 2.5	10289963	\$ 82	
	End plate (blue)	100	TF-BTWM 2.5-AZ	10289591	\$ 82	
	End plate (green)	100	TF-BTWM 2.5-VD	10289592	\$ 82	
	End plate (red)	100	TF-BTWM 2.5-VM	11461175	\$ 82	
	End plate	100	TF-BTWM 4	10289964	\$ 111	
	End plate (blue)	100	TF-BTWM 4-AZ	10289593	\$ 111	
	End plate (green)	100	TF-BTWM 4-VD	10289594	\$ 111	
	End plate (red)	100	TF-BTWM 4-VM	11461177	\$ 111	
	End plate	100	TF-BTWM 6	10289965	\$ 123	
	End plate (blue)	100	TF-BTWM 6-AZ	10289595	\$ 123	
	End plate (green)	100	TF-BTWM 6-VD	10289596	\$ 123	
	End plate (red)	100	TF-BTWM 6-VM	11461208	\$ 123	
	End plate	100	TF-BTWM 10	10289966	\$ 137	
	End plate (blue)	100	TF-BTWM 10-AZ	10289597	\$ 137	
	End plate (green)	100	TF-BTWM 10-VD	10261778	\$ 137	
	End plate (red)	100	TF-BTWM 10-VM	11461210	\$ 137	
	End plate (green)		10	TF-BTWM 2.5 T	12165386	\$ 9
			10	TF-BTWM 4 T	12165387	\$ 12
			10	TF-BTWM 6 T	12165389	\$ 13
			10	TF-BTWM 10 T	12165390	\$ 14
	End plate		10	TF-BTWM 2.5 C	10289041	\$ 16
	End plate (green)		10	TF-BTWM 2.5 CT-VD	10289042	\$ 17
	End plate		50	TF-BTWM 2.5 -2F	10289032	\$ 99
			25	TF-BTWM 4 -2F	10289033	\$ 41
		10	TF-BTWM 2.5 -3F	10289034	\$ 23	
		10	TF-BTWM 2.5 -3FT	10289036	\$ 23	
		10	TF-BTWM 3S	10289037	\$ 22	
		10	TF-BTWM 2.5 A	10289038	\$ 12	
		10	TF-BTWM S-I	10289039	\$ 15	
		10	TF-BTWM 2.5 E	10289040	\$ 12	
Cross-connection	Cross-connection 2.5 mm <sup>2</sup> (2P)	25	PC-BTWM 2.5/2	10289044	\$ 41	
	Cross-connection 2.5 mm <sup>2</sup> (3P)	20	PC-BTWM 2.5/3	10289045	\$ 52	
	Cross-connection 2.5 mm <sup>2</sup> (4P)	15	PC-BTWM 2.5/4	10289046	\$ 44	
	Cross-connection 2.5 mm <sup>2</sup> (10P)	5	PC-BTWM 2.5/10	10289047	\$ 33	
	Cross-connection 4 mm <sup>2</sup> (2P)	25	PC-BTWM 4/2	10289048	\$ 45	
	Cross-connection 4 mm <sup>2</sup> (3P)	20	PC-BTWM 4/3	10289049	\$ 55	
	Cross-connection 4 mm <sup>2</sup> (4P)	15	PC-BTWM 4/4	10289050	\$ 49	
	Cross-connection 4 mm <sup>2</sup> (10P)	5	PC-BTWM 4/10	10289051	\$ 35	
	Cross-connection 6 mm <sup>2</sup> (2P)	25	PC-BTWM 6/2	10289052	\$ 59	
	Cross-connection 6 mm <sup>2</sup> (3P)	20	PC-BTWM 6/3	10289053	\$ 65	
	Cross-connection 6 mm <sup>2</sup> (4P)	15	PC-BTWM 6/4	10289054	\$ 63	
	Cross-connection 6 mm <sup>2</sup> (10P)	5	PC-BTWM 6/10	10289055	\$ 49	
	Cross-connection 10 mm <sup>2</sup> (2P)	25	PC-BTWM 10/2	10289056	\$ 102	
	Cross-connection 10 mm <sup>2</sup> (3P)	20	PC-BTWM 10/3	10289057	\$ 126	
	Cross-connection 10 mm <sup>2</sup> (4P)	15	PC-BTWM 10/4	10289058	\$ 121	
Cross-connection 10 mm <sup>2</sup> (10P)	5	PC-BTWM 10/10	10289059	\$ 88		



# Terminal Blocks

## Special Terminal Blocks

### Terminal Blocks for Use with Fork and Ring Connectors - BTWO



Terminal block	Type of cable connector	Cross-section (mm <sup>2</sup> )	Packing (un.)	Part Number	Material Number	List price (pack)
Standard type	Fork	6	50	BTWO 6 <sup>1)</sup>	12603152	\$ 219
		10	25	BTWO 10 <sup>1)</sup>	12603153	\$ 166
	Ring	6	40	BTWO 6I <sup>1)</sup>	12603155	\$ 622
		6	25	BTWO 6G <sup>1)</sup>	12603218	\$ 661
Earth type		6	40	BTWO 6 IT-VD/AM <sup>1)</sup>	12603156	\$ 1,024

Note: 1) UL listed.

### Accessories for Terminal Blocks - BTWO



Accessory	For use with	Description	Packing (un.)	Part Number	Material Number	List price (pack)
End plate	BTWO 6	End plate	50	TF-BTWO 6	12603827	\$ 79
	BTWO 10		50	TF-BTWO 10	12603898	\$ 94
	BTWO 6I		50	TF-BTWO 6 I	12603905	\$ 98
	BTWO 6G		25	TF-BTWO 6 G	12603904	\$ 54
Cross-connection	BTWO 6	Cross-connection (2P)	25	PC-BTWO 6/2	12603899	\$ 182
		Cross-connection (10P)	5	PC-BTWO 6/10	12603901	\$ 174
	BTWO 10	Cross-connection (2P)	25	PC-BTWO 10/2	12603902	\$ 251
		Cross-connection (10P)	5	PC-BTWO 10/10	12603903	\$ 251
	BTWO 6I / BTWO 6G	Cross-connection (2P)	25	PC-BTWO 6I/2	12603907	\$ 86
		Cross-connection (3P)	20	PC-BTWO 6I/3	12603928	\$ 126
		Cross-connection (4P)	15	PC-BTWO 6I/4	12603929	\$ 121
		Cross-connection (7P)	5	PC-BTWO 6I/7	12603930	\$ 70

# Terminal Blocks

## Mini Terminal Blocks

### Screw and Spring Clamp Type Mini Terminal Blocks - BTWK/BTWY

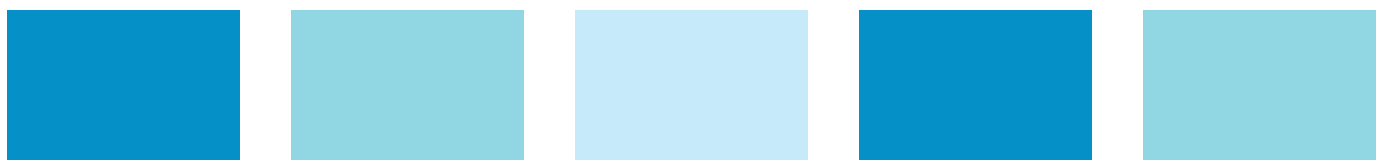


Terminal block	Assembly on	Description	Cross-section (mm <sup>2</sup> )	Packing (un.)	Part Number	Material Number	List price (pack)
Screw type	Terminal block for assembly on DIN rail	Terminal 2.5 mm <sup>2</sup>	2.5	100	BTWK 2.5	12603220	\$ 166
		Terminal 4 mm <sup>2</sup>	4	100	BTWK 4	12603222	\$ 198
		Earth terminal 2.5 mm <sup>2</sup>	2.5	50	BTWK 2.5T	12603223	\$ 335
		Earth terminal 4 mm <sup>2</sup>	4	50	BTWK 4T	12603224	\$ 360
Spring clamp type	Terminal block for assembly on DIN rail	Terminal 2.5 mm <sup>2</sup>	2.5	50	BTWY 2.5 <sup>1)</sup>	12603225	\$ 111
		Earth terminal 2.5 mm <sup>2</sup>	2.5	50	BTWY 2.5T	12603250	\$ 684
	Terminal block for assembly on mounting plates	Terminal 2.5 mm <sup>2</sup>	2.5	100	BTWY 2.5P	12603226	\$ 222
		Terminal 2.5 mm <sup>2</sup>	2.5	100	BTWY 2.5S	12603249	\$ 222

Note: 1) UL listed.

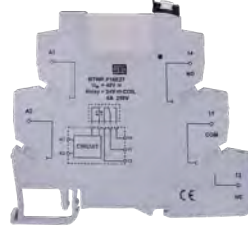
### Accessories for Mini Terminal Blocks - BTWK/BTWY

Accessory	Description	Packing (un.)	Part Number	Material Number	List price (pack)
End plate	End plate	100	TF-BTWK 2.5-4	12603932	\$ 79
		10	TF-BTWK 2.5-4 T	12603933	\$ 8
		100	TF-BTWY CZ	10289043	\$ 91
		100	TF-BTWY 2.5 E	12603937	\$ 62
		100	TF-BTWY 2.5 D	12603988	\$ 62
		10	TF-BTWY 2.5 T	12603936	\$ 10
		100	TFF-BTWY 2.5 E	12635084	\$ 94
		100	TFF-BTWY 2.5 D	12635086	\$ 99



# Terminal Blocks

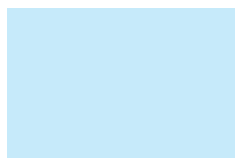
## Interface Relay - BTWR



Terminal block	Coil voltage	Cross-section (mm <sup>2</sup> )	Packing (un.)	Part Number	Material Number	List price (pack)
Interface relay	24 V ac/dc	2.5	10	BTWR P16E26	12604116	\$ 447
	48 V ac/dc	2.5	10	BTWR P16E27	12635080	\$ 596
	60 V ac/dc	2.5	10	BTWR P16E28	12635081	\$ 610
	110 V ac/dc	2.5	10	BTWR P16E29	12604117	\$ 639
	230 V ac/dc	2.5	10	BTWR P16E31	12604258	\$ 681

## Accessories for Interface Relay

Accessory	Description	Voltage	For use with	Packing (un.)	Part Number	Material Number	List price (pack)
Cross-connection	Cross-connection (2P)	-	BTWR	25	PC-BTWR 2.5/16R	12635099	\$ 457
Relay module	Module	24 V dc	BTWR P16E26 / BTWR P16E27	10	RE-BTWR 2.5 R C03	12653916	\$ 168
		60 V dc	BTWR P16E28 / BTWR P16E29 / BTWR P16E31	10	RE-BTWR 2.5 R C09	12653915	\$ 168
Relay base	Relay base	24 V ac/dc	RE-BTWR 2.5 R C03	10	BR-BTWR 2.5/1R E26	12635101	\$ 366
		48 V ac/dc	RE-BTWR 2.5 R C03	10	BR-BTWR 2.5/1R E27	12635102	\$ 472
		60 V ac/dc	RE-BTWR 2.5 R C09	10	BR-BTWR 2.5/1R E28	12635103	\$ 488
		110 V ac/dc	RE-BTWR 2.5 R C09	10	BR-BTWR 2.5/1R E29	12635104	\$ 518
		230 V ac/dc	RE-BTWR 2.5 R C09	10	BR-BTWR 2.5/1R E31	12635106	\$ 564





# Terminal Blocks

## General Accessories for Terminal Blocks



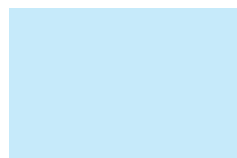
Accessory	Packing (un.)	Part Number	Material Number	List price (pack)
Marking tags for group of terminals	50	IG-BTW G	10289062	\$ 86
Marking tags for group of terminals	25	IG22-BTW	10290296	\$ 65
Mounting rail 35 mm (2 m)	1	DIN35 7.5X35X2000	11476763	\$ 22
Mounting rail 15 mm (1 m)	20	MR-BTW5.5X15X1000	12603990	\$274
Rail support DIN	25	ST-BTW	10290297	\$113
End bracket	100	PF2-BTW	12603989	\$230
End bracket	100	PF3-BTW	10289060	\$114
End bracket	100	PF4-BTW	10289061	\$ 175
End bracket	100	PF5-BTW	11546461	\$ 780
Sealing pin	4	PF5-BTW PE	11546535	\$3
Protection cover (1 m)	10	TT-BTW	11546440	\$559
Holding plate for cover	2	STT-BTW	11546464	\$ 7

## Busbar Connectors



Accessory	Packing (un.)	Part Number	Material Number	List price (pack)
Connector cross-section 4 mm <sup>2</sup>	200	CB4-BTW	10289075	\$ 233
Connector cross-section 10 mm <sup>2</sup>	100	CB10-BTW	10289076	\$ 175
Connector cross-section 35 mm <sup>2</sup>	50	CB35-BTW	10289077	\$211
Connector cross-section 4 mm <sup>2</sup> (blue)	100	CB4N-BTW-AZ	10289078	\$ 166
Connector cross-section 10 mm <sup>2</sup> (blue)	100	CB10N-BTW-AZ	10289079	\$236
Connector cross-section 35 mm <sup>2</sup> (blue)	50	CB35N-BTW-AZ	10289080	\$ 243
Connector cross-section 4 mm <sup>2</sup> (green)	100	CB4PE-BTW-VD/AM	10289081	\$166
Connector cross-section 10 mm <sup>2</sup> (green)	100	CB10PE-BTW-VD/AM	10289082	\$ 236
Connector cross-section 35 mm <sup>2</sup> (green)	50	CB35PE-BTW-VD/AM	10289083	\$ 243
Busbar 3x10 (1 m)	1	BR 3x10x1000	12927528	\$ 120
Busbar support block	50	SB-BTW	10289084	\$ 82

Accessory	Packing (un.)	Part Number	Material Number	List price (pack)
Fast action fuse 5x20 mm - 0.25 A	50	RAP 250mA	10744040	\$ 62
Fast action fuse 5x20 mm - 0.5 A	50	RAP 500mA	10744042	\$ 62
Fast action fuse 5x20 mm - 1 A	50	RAP 1A	10744144	\$ 62
Fast action fuse 5x20 mm - 2 A	50	RAP 2A	10744149	\$ 62
Fast action fuse 5x20 mm - 4 A	50	RAP 4A	10744150	\$ 62
Fast action fuse 5x20 mm - 6 A	50	RAP 6A	10744179	\$ 62
Fast action fuse 6.3x31.8 mm - 0.25 A	10	RAP 250mA	10744181	\$ 18
Fast action fuse 6.3x31.8 mm - 0.5 A	10	RAP 500mA	10744182	\$ 18
Fast action fuse 6.3x31.8 mm - 1 A	10	RAP 1A	10744184	\$ 18
Fast action fuse 6.3x31.8 mm - 2 A	10	RAP 2A	10744187	\$ 18
Fast action fuse 6.3x31.8 mm - 4 A	10	RAP 4A	10744210	\$ 18
Fast action fuse 6.3x31.8 mm - 6 A	10	RAP 6A	10744212	\$ 18



# Terminal Blocks

## General Accessories for Terminal Blocks



Illustrative picture

### Printing System PWA3

Description	Quantity	Part Number	Material Number	List price (pack)
Printing system PWA3	-	PWA3	10289471	\$ 27,643
Included items				
A3 size plotter	1	-	-	-
Plotting tray for IDG-BTW	1	-	10289481	-
Plotting tray for IDB5-BTW	1	-	10968927	-
Plotter pen 0.25 mm C025-PW	2	-	10289487	-
Plotter ink replacement 5x1 ml CT-PW	1	-	10289508	-
Permanent pen (test) 0.30 mm CP030-PW	1	-	10968984	-
Plotter ink replacement 30 ml RT-PW	1	-	10289509	-
Cleaning kit KL-PW	1	-	10289510	-
Plotter protection cover CP-PW	1	-	-	-
Plate set for pen cleaning	25	-	-	-

### Printing System PWA4

Description	Quantity	Part Number	Material Number	List price (pack)
Printing system PWA4	-	PWA4	11380737	\$ 18,332
Included items				
A4 size plotter	1	-	-	-
Plotting tray for IDG-BTW	1	-	10289481	-
Plotting tray for IDB5-BTW	1	-	10968927	-
Plotter pen 0.25 mm C025-PW	2	-	11372704	-
Plate set for pen cleaning	25	-	-	-

## Accessories for Printing Systems

Description	Quantity	Part Number	Material Number	List price (pack)
Plotter ink replacement 30 ml	1	RT2-PW	12215886	\$ 304
Plotter ink replacement 5x1 ml	1	CT2-PW	12215885	\$ 94
Plotter ink replacement 30 ml	1	RT-PW	10289509	\$ 163
Plotter ink replacement 5x1 ml	1	CT-PW	10289508	\$ 90
Cleaning fluid 1x30 ml	1	FL-PW	10289512	\$ 116
Disposable plotter pen 0.18 mm	1	C018-PD	11372739	\$ 336
Disposable plotter pen 0.25 mm	1	C025-PD	11372704	\$ 672
Disposable plotter pen 0.35 mm	1	C035-PD	11372706	\$ 336
Disposable plotter pen 0.50 mm	1	C050-PD	11372703	\$ 336
Disposable plotter pen 0.70 mm	1	C070-PD	11372705	\$ 336
Disposable plotter pen 1.00 mm	1	C100-PD	11372702	\$ 336
Rechargeable plotter pen 0.18 mm	1	C018-PW	10289486	\$ 757
Rechargeable plotter pen 0.25 mm	1	C025-PW	10289487	\$ 1,364
Rechargeable plotter pen 0.35 mm	1	C035-PW	10289488	\$ 672
Rechargeable plotter pen 0.50 mm	1	C050-PW	10289489	\$ 682
Rechargeable plotter pen 0.70 mm	1	C070-PW	10289490	\$ 661
Rechargeable plotter pen 1.00 m	1	C100-PW	10289491	\$ 661
Permanent pen (test) 0.30 mm	1	CP030-PW	10968984	\$ 42
Cleaning kit	1	KL-PW	10289510	\$ 350
Plotting tray for IDG-BTW	1	IDG-PW	10289481	\$ 1,187
Plotting tray for IDB5-BTW	1	IDB5-PW	10968927	\$ 1,273
Plotting tray for plates	1	KLM-PW	11145242	\$ 1,510
Suction device	1	BS-PW	11615109	\$ 181
Pen holder - plotter	1	CPC-PW	11427190	\$ 539

# Terminal Blocks

## General Accessories for Terminal Blocks

### Engraving System PWEA4



Illustrative picture

Description	Quantity	Part Number	Material Number	List price (pack)
Engraving system PWEA4	-	PWEA4	10289470	\$ 28,516
Included items				
Cutter head	1	-	-	-
Engraving needle with tip width of 0.50 mm - EN 15-50	1	EN15-50	11660239	
Support for cables and suction hoses	1	-	-	

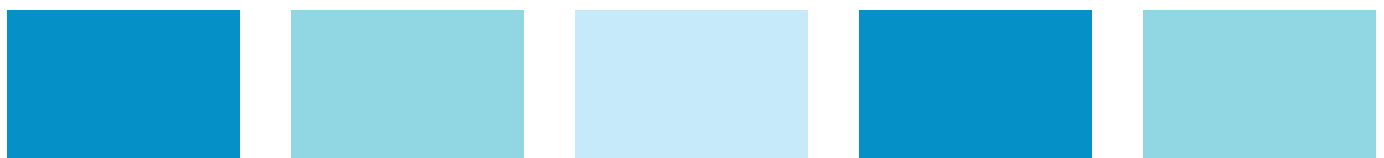
Note: The vacuum cleaner shall be ordered separately.

### Engraving System PWE

Description	Quantity	Part Number	Material Number	List price (pack)
Engraving system PWE	-	PWE	10289472	\$ 43,937
Included items				
Cutter head	1	-	-	-
Support for cables and suction hoses	1	-	-	
Engraving needle with tip width of 0.50 mm - EN 15-50	1	EN15-50	11660239	
Support for cutter head	1	-	-	
CNC controller	1	-	-	
Vacuum cleaner	1	VC-PWEA4	11659982	
Board for alignment calibration	1	-	-	

### Accessories for Engraving Systems

Description	Quantity	Part Number	Material Number	List price (pack)
Vacuum cleaner	1	VC-PWEA4	11659982	\$ 5,184
Vacuum cleaner bag	1	VCB-PWEA4	10289480	\$ 502
Engraving needle 15 degrees 0.20 mm	1	EN15-20	11660224	\$ 317
Engraving needle 15 degrees 0.30 mm	1	EN15-30	11660226	\$ 317
Engraving needle 15 degrees 0.40 mm	1	EN15-40	11660238	\$ 317
Engraving needle 15 degrees 0.50 mm	1	EN15-50	11660239	\$ 317
Engraving needle 15 degrees 0.70 mm	1	EN15-70	11660240	\$ 317
Engraving needle 15 degrees 1.00 mm	1	EN15-100	11660244	\$ 317
SET of engraving needles 15 degrees	1	EN15-SET	10289507	\$ 2,009
Double tooth cutter with tip width of 0.50 mm	1	FT-50	12136563	\$ 291
Double tooth cutter with tip width of 0.60 mm	1	FT-60	12136564	\$ 291
Double tooth cutter with tip width of 0.80 mm	1	FT-80	12136565	\$ 291
Double tooth cutter with tip width of 1.00 mm	1	FT-100	12136566	\$ 291
Double tooth cutter with tip width of 1.20 mm	1	FT-120	12136567	\$ 291
Double tooth cutter with tip width of 1.40 mm	1	FT-140	12136608	\$ 291
Double tooth cutter with tip width of 1.60 mm	1	FT-160	12136609	\$ 291
Double tooth cutter with tip width of 2.00 mm	1	FT-200	12136610	\$ 291
Double tooth cutter with tip width of 2.40 mm	1	FT-240	12136611	\$ 291
Double tooth cutter with tip width of 3.00 mm	1	FT-300	12136613	\$ 291



# Terminal Blocks

## General Accessories for Terminal Blocks

### Box of Tags for Terminal Blocks - Without Print

Description	Length	Packing (un.)	Part Number	Material Number	List price (pack)
Tags for terminal blocks	5x5 mm	500	IDB5-BTW	10290300	\$ 44
Tags for terminal blocks	6x5 mm	400	IDG6/5-BTW	10289068	\$ 70
Tags for terminal blocks	10x5 mm	440	IDG10/5T-BTW	10890902	\$ 77
Tags for terminal blocks	10x6 mm	360	IDG10/6T-BTW	10890908	\$ 84

### Pack of Cable Marking Sleeves

Description	Length	Cable diameter	Packing (un.)	Part Number	Material Number	List price (pack)
Cable marking sleeves	15 mm	0.5-1.5 mm <sup>2</sup>	2,000	KKS 15/0.5-1.5 PCT	11506531	\$ 233
	18 mm	0.5-1.5 mm <sup>2</sup>	2,000	KKS18/0.5-1.5 PCT	11817121	\$ 350
	23 mm	0.5-1.5 mm <sup>2</sup>	2,000	KKS 23/0.5-1.5 PCT	11506533	\$ 466
	30 mm	0.5-1.5 mm <sup>2</sup>	1,200	KKS 30/0.5-1.5 PCT	11506534	\$ 280
	15 mm	1.5-2.5 mm <sup>2</sup>	500	KKS 15/1.5-2.5 PCT	10289086	\$ 117
	18 mm	1.5-2.5 mm <sup>2</sup>	500	KKS18/1.5-2.5 PCT	11817122	\$ 117
	23 mm	1.5-2.5 mm <sup>2</sup>	500	KKS 23/1.5-2.5 PCT	10289087	\$ 131
	30 mm	1.5-2.5 mm <sup>2</sup>	500	KKS 30/1.5-2.5 PCT	10289088	\$ 175
	15 mm	2.5-4 mm <sup>2</sup>	500	KKS 15/2.5-4 PCT	10289090	\$ 117
	18 mm	2.5-4 mm <sup>2</sup>	500	KKS18/2.5-4 PCT	11817123	\$ 117
	23 mm	2.5-4 mm <sup>2</sup>	500	KKS 23/2.5-4 PCT	10289091	\$ 131
	30 mm	2.5-4 mm <sup>2</sup>	500	KKS 30/2.5-4 PCT	10289092	\$ 204
	15 mm	6-10 mm <sup>2</sup>	500	KKS 15/6-10 PCT	10289094	\$ 117
	18 mm	6-10 mm <sup>2</sup>	500	KKS18/6-10 PCT	11817124	\$ 146
	23 mm	6-10 mm <sup>2</sup>	500	KKS 23/6-10 PCT	10289095	\$ 175
	30 mm	6-10 mm <sup>2</sup>	200	KKS 30/6-10 PCT	10289096	\$ 82
	15 mm	16-25 mm <sup>2</sup>	500	KKS 15/16-25 PCT	10289098	\$ 117
	18 mm	16-25 mm <sup>2</sup>	500	KKS18/16-25 PCT	11817125	\$ 146
	23 mm	16-25 mm <sup>2</sup>	200	KKS 23/16-25 PCT	10289099	\$ 70
	30 mm	16-25 mm <sup>2</sup>	2,000	KKS 30/16-25 PCT	10289100	\$ 990
20 mm	>25 mm <sup>2</sup>	120	KBE-3 PCT	10289121	\$ 81	

### Box of Tags for Cable Marking Sleeves - Without Print

Description	Color	Length	Packing (un.)	Part Number	Material Number	List price (pack)
Cable mark. sleeves	White	15 mm	480	KIP 15W	10289107	\$ 84
	White	18 mm	240	KIP 18W	11817142	\$ 56
	Yellow	18 mm	240	KIP 18Y	11832287	\$ 56
	White	23 mm	240	KIP 23W	10289109	\$ 84
	Yellow	23 mm	240	KIP 23Y	11832298	\$ 84
	White	30 mm	240	KIP 30W	10289111	\$ 84
	Yellow	30 mm	240	KIP 30Y	11832300	\$ 84
	White	20 mm	240	KBEP 209W	10289119	\$ 84

### Self-Adhesive Plates

Description	Packing (un.)	Part Number	Material Number	List price (pack)
Plate 27x12.5 mm	120	KLM-27x12.5	10289535	\$ 318
Plate 45x14 mm	80	KLM-45x14	11349858	\$ 392
Plate 45x19 mm	56	KLM-45x19	10289525	\$ 388
Plate 27x18 mm	90	KLM-27x18	10289544	\$ 388
Plate 70x35 mm	20	KLM-70x35	10289560	\$ 263
Plate 120x35 mm	10	KLM-120x35	10289566	\$ 276
Plate 20x8 mm	306	KLM-20x8	11546515	\$ 357
Plate 60x30 mm	24	KLM-60x30	11546516	\$ 172
Plate 52x26 mm	35	KLM-52x26	11546517	\$ 235

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDB5-BTW printed at the horizontal position	" A "	50	IDB5-BTWH-A	10872745	\$ 5
	" B "	50	IDB5-BTWH-B	10872758	\$ 5
	" C "	50	IDB5-BTWH-C	10872759	\$ 5
	" D "	50	IDB5-BTWH-D	10872763	\$ 5
	" E "	50	IDB5-BTWH-E	10872766	\$ 5
	" F "	50	IDB5-BTWH-F	10872768	\$ 5
	" G "	50	IDB5-BTWH-G	10872769	\$ 5
	" H "	50	IDB5-BTWH-H	10872771	\$ 5
	" I "	50	IDB5-BTWH-I	10872773	\$ 5
	" J "	50	IDB5-BTWH-J	10872776	\$ 5
	" K "	50	IDB5-BTWH-K	10872778	\$ 5
	" L "	50	IDB5-BTWH-L	10872781	\$ 5
	" M "	50	IDB5-BTWH-M	10872785	\$ 5
	" N "	50	IDB5-BTWH-N	10872788	\$ 5
	" O "	50	IDB5-BTWH-O	10872790	\$ 5
	" P "	50	IDB5-BTWH-P	10872821	\$ 5
	" Q "	50	IDB5-BTWH-Q	10872822	\$ 5
	" X "	50	IDB5-BTWH-X	10872823	\$ 5
	" Y "	50	IDB5-BTWH-Y	10872853	\$ 5
	" Z "	50	IDB5-BTWH-Z	10883452	\$ 5
	"A..Z..A..X"	50	IDB5-BTWH-A-Z/A-X	10873759	\$ 5
	" R1 "	50	IDB5-BTWH-R1	10873595	\$ 5
	" R2 "	50	IDB5-BTWH-R2	10873596	\$ 5
	" R3 "	50	IDB5-BTWH-R3	10873597	\$ 5
	" R4 "	50	IDB5-BTWH-R4	10873639	\$ 5
	" R5 "	50	IDB5-BTWH-R5	10873640	\$ 5
	" R6 "	50	IDB5-BTWH-R6	10873634	\$ 5
	" R7 "	50	IDB5-BTWH-R7	10873636	\$ 5
	" R8 "	50	IDB5-BTWH-R8	10873632	\$ 5
	" R9 "	50	IDB5-BTWH-R9	10873689	\$ 5
	" S1 "	50	IDB5-BTWH-S1	10873826	\$ 5
	" S2 "	50	IDB5-BTWH-S2	10873827	\$ 5
	" S3 "	50	IDB5-BTWH-S3	10873859	\$ 5
	" S4 "	50	IDB5-BTWH-S4	10873861	\$ 5
	" S5 "	50	IDB5-BTWH-S5	10873864	\$ 5
	" S6 "	50	IDB5-BTWH-S6	10873866	\$ 5
	" S7 "	50	IDB5-BTWH-S7	10873924	\$ 5
	" S8 "	50	IDB5-BTWH-S8	10873925	\$ 5
	" S9 "	50	IDB5-BTWH-S9	10873926	\$ 5
	" T1 "	50	IDB5-BTWH-T1	10874055	\$ 5
	" T2 "	50	IDB5-BTWH-T2	10874057	\$ 5
	" T3 "	50	IDB5-BTWH-T3	10874068	\$ 5
	" T4 "	50	IDB5-BTWH-T4	10874069	\$ 5
	" T5 "	50	IDB5-BTWH-T5	10874070	\$ 5
	" T6 "	50	IDB5-BTWH-T6	10874071	\$ 5
	" T7 "	50	IDB5-BTWH-T7	10874072	\$ 5
	" T8 "	50	IDB5-BTWH-T8	10874073	\$ 5
" T9 "	50	IDB5-BTWH-T9	10874074	\$ 5	
" U1 "	50	IDB5-BTWH-U1	10874359	\$ 5	
" U2 "	50	IDB5-BTWH-U2	10874361	\$ 5	
" U3 "	50	IDB5-BTWH-U3	10874363	\$ 5	
" U4 "	50	IDB5-BTWH-U4	10874364	\$ 5	
" U5 "	50	IDB5-BTWH-U5	10874365	\$ 5	
" U6 "	50	IDB5-BTWH-U6	10874366	\$ 5	
" U7 "	50	IDB5-BTWH-U7	10874367	\$ 5	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDB5-BTW printed at the horizontal position	" U8 "	50	IDB5-BTWH U8	10874388	\$ 5
	" U9 "	50	IDB5-BTWH U9	10874389	\$ 5
	" V1 "	50	IDB5-BTWH V1	11062052	\$ 5
	" V2 "	50	IDB5-BTWH V2	11062053	\$ 5
	" V3 "	50	IDB5-BTWH V3	11062054	\$ 5
	" V4 "	50	IDB5-BTWH V4	11062101	\$ 5
	" V5 "	50	IDB5-BTWH V5	10874527	\$ 5
	" V6 "	50	IDB5-BTWH V6	10874568	\$ 5
	" V7 "	50	IDB5-BTWH V7	10874569	\$ 5
	" V8 "	50	IDB5-BTWH V8	10874570	\$ 5
	" V9 "	50	IDB5-BTWH V9	10874571	\$ 5
	" W1 "	50	IDB5-BTWH W1	10874731	\$ 5
	" W2 "	50	IDB5-BTWH W2	10874732	\$ 5
	" W3 "	50	IDB5-BTWH W3	10874733	\$ 5
	" W4 "	50	IDB5-BTWH W4	10874734	\$ 5
	" W5 "	50	IDB5-BTWH W5	10874735	\$ 5
	" W6 "	50	IDB5-BTWH W6	10874737	\$ 5
	" W7 "	50	IDB5-BTWH W7	10874748	\$ 5
	" W8 "	50	IDB5-BTWH W8	10874749	\$ 5
	" W9 "	50	IDB5-BTWH W9	10874751	\$ 5
	" 0 "	50	IDB5-BTWH 0	10792234	\$ 5
	" 1 "	50	IDB5-BTWH 1	10795114	\$ 5
	" 2 "	50	IDB5-BTWH 2	10795183	\$ 5
	" 3 "	50	IDB5-BTWH 3	10795196	\$ 5
	" 4 "	50	IDB5-BTWH 4	10795212	\$ 5
	" 5 "	50	IDB5-BTWH 5	10795219	\$ 5
	" 6 "	50	IDB5-BTWH 6	10795250	\$ 5
	" 7 "	50	IDB5-BTWH 7	10795255	\$ 5
	" 8 "	50	IDB5-BTWH 8	10795258	\$ 5
	" 9 "	50	IDB5-BTWH 9	10795267	\$ 5
	" 10 "	50	IDB5-BTWH 10	10795284	\$ 5
	"1...10" (5x)	50	IDB5-BTWH 1-10	10795289	\$ 5
	"11...20" (5x)	50	IDB5-BTWH 11-20	10795291	\$ 5
	"21...30" (5x)	50	IDB5-BTWH 21-30	10795303	\$ 5
	"31...40" (5x)	50	IDB5-BTWH 31-40	10795373	\$ 5
	"41...50" (5x)	50	IDB5-BTWH 41-50	10795411	\$ 5
	"1...50"	50	IDB5-BTWH 1-50	10795444	\$ 5
	"51...100"	50	IDB5-BTWH 51-100	10795446	\$ 5
	" R "	50	IDB5-BTWH R	10795481	\$ 5
	" S "	50	IDB5-BTWH S	10795483	\$ 5
	" T "	50	IDB5-BTWH T	10795512	\$ 5
	" U "	50	IDB5-BTWH U	10795614	\$ 5
	" V "	50	IDB5-BTWH V	10795616	\$ 5
	" W "	50	IDB5-BTWH W	10795620	\$ 5
	" + "	50	IDB5-BTWH +	10795622	\$ 5
	" - "	50	IDB5-BTWH -	10795624	\$ 5
		50	IDB5-BTWH TERRA	10795626	\$ 5
	101-150	50	IDB5-BTWH-101-150	11070272	\$ 5
	151-200	50	IDB5-BTWH-151-200	11070512	\$ 5
	201-250	50	IDB5-BTWH-201-250	11070562	\$ 5
251-300	50	IDB5-BTWH-251-300	11070514	\$ 5	
301-350	50	IDB5-BTWH-301-350	11070515	\$ 5	
351-400	50	IDB5-BTWH-351-400	11070516	\$ 5	
401-450	50	IDB5-BTWH-401-450	11070559	\$ 5	
451-500	50	IDB5-BTWH-451-500	11070560	\$ 5	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDB5-BTW printed at the vertical position	" A "	50	IDB5-BTWV-A	11328896	\$ 5
	" B "	50	IDB5-BTWV-B	11328949	\$ 5
	" C "	50	IDB5-BTWV-C	11328951	\$ 5
	" D "	50	IDB5-BTWV-D	11328956	\$ 5
	" E "	50	IDB5-BTWV-E	11328957	\$ 5
	" F "	50	IDB5-BTWV-F	11127470	\$ 5
	" G "	50	IDB5-BTWV-G	11330749	\$ 5
	" H "	50	IDB5-BTWV-H	11330751	\$ 5
	" I "	50	IDB5-BTWV-I	11330752	\$ 5
	" J "	50	IDB5-BTWV-J	11330753	\$ 5
	" K "	50	IDB5-BTWV-K	11330755	\$ 5
	" L "	50	IDB5-BTWV-L	11330756	\$ 5
	" M "	50	IDB5-BTWV-M	11330789	\$ 5
	" N "	50	IDB5-BTWV-N	11127471	\$ 5
	" O "	50	IDB5-BTWV-O	11330791	\$ 5
	" P "	50	IDB5-BTWV-P	11330793	\$ 5
	" Q "	50	IDB5-BTWV-Q	11330795	\$ 5
	" X "	50	IDB5-BTWV-X	11330797	\$ 5
	" Y "	50	IDB5-BTWV-Y	11330799	\$ 5
	" Z "	50	IDB5-BTWV-Z	11330801	\$ 5
	"A..Z.A..X"	50	DB5-BTWV-A-Z/A-X	11330802	\$ 5
	" R1 "	50	IDB5-BTWV-R1	11331003	\$ 5
	" R2 "	50	IDB5-BTWV-R2	11331004	\$ 5
	" R3 "	50	IDB5-BTWV-R3	11331005	\$ 5
	" R4 "	50	IDB5-BTWV-R4	11331006	\$ 5
	" R5 "	50	IDB5-BTWV-R5	11331007	\$ 5
	" R6 "	50	IDB5-BTWV-R6	11331078	\$ 5
	" R7 "	50	IDB5-BTWV-R7	11331080	\$ 5
	" R8 "	50	IDB5-BTWV-R8	11331081	\$ 5
	" R9 "	50	IDB5-BTWV-R9	11332093	\$ 5
	" S1 "	50	IDB5-BTWV-S1	11331086	\$ 5
	" S2 "	50	IDB5-BTWV-S2	11331098	\$ 5
	" S3 "	50	IDB5-BTWV-S3	11331099	\$ 5
	" S4 "	50	IDB5-BTWV-S4	11331100	\$ 5
	" S5 "	50	IDB5-BTWV-S5	11331102	\$ 5
	" S6 "	50	IDB5-BTWV-S6	11331103	\$ 5
	" S7 "	50	IDB5-BTWV-S7	11331104	\$ 5
	" S8 "	50	IDB5-BTWV-S8	11331105	\$ 5
	" S9 "	50	IDB5-BTWV-S9	11331106	\$ 5
	" T1 "	50	IDB5-BTWV-T1	11331107	\$ 5
	" T2 "	50	IDB5-BTWV-T2	11331118	\$ 5
	" T3 "	50	IDB5-BTWV-T3	11331119	\$ 5
	" T4 "	50	IDB5-BTWV-T4	11331120	\$ 5
	" T5 "	50	IDB5-BTWV-T5	11331121	\$ 5
	" T6 "	50	IDB5-BTWV-T6	11331122	\$ 5
	" T7 "	50	IDB5-BTWV-T7	11331124	\$ 5
	" T8 "	50	IDB5-BTWV-T8	11331125	\$ 5
" T9 "	50	IDB5-BTWV-T9	11331126	\$ 5	
" U1 "	50	IDB5-BTWV-U1	11331142	\$ 5	
" U2 "	50	IDB5-BTWV-U2	11331143	\$ 5	
" U3 "	50	IDB5-BTWV-U3	11331144	\$ 5	
" U4 "	50	IDB5-BTWV-U4	11331145	\$ 5	
" U5 "	50	IDB5-BTWV-U5	11331146	\$ 5	
" U6 "	50	IDB5-BTWV-U6	11331188	\$ 5	
" U7 "	50	IDB5-BTWV-U7	11331189	\$ 5	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDB5-BTW printed at the vertical position	" U8 "	50	IDB5-BTWV-U8	11331190	\$ 5
	" U9 "	50	IDB5-BTWV-U9	11331192	\$ 5
	" V1 "	50	IDB5-BTWV-V1	11331210	\$ 5
	" V2 "	50	IDB5-BTWV-V2	11331213	\$ 5
	" V3 "	50	IDB5-BTWV-V3	11331215	\$ 5
	" V4 "	50	IDB5-BTWV-V4	11331217	\$ 5
	" V5 "	50	IDB5-BTWV-V5	11331248	\$ 5
	" V6 "	50	IDB5-BTWV-V6	11331250	\$ 5
	" V7 "	50	IDB5-BTWV-V7	11331251	\$ 5
	" V8 "	50	IDB5-BTWV-V8	11331253	\$ 5
	" V9 "	50	IDB5-BTWV-V9	11331255	\$ 5
	" W1 "	50	IDB5-BTWV-W1	11331309	\$ 5
	" W2 "	50	IDB5-BTWV-W2	11331311	\$ 5
	" W3 "	50	IDB5-BTWV-W3	11331312	\$ 5
	" W4 "	50	IDB5-BTWV-W4	11331313	\$ 5
	" W5 "	50	IDB5-BTWV-W5	11331314	\$ 5
	" W6 "	50	IDB5-BTWV-W6	11331315	\$ 5
	" W7 "	50	IDB5-BTWV-W7	11331316	\$ 5
	" W8 "	50	IDB5-BTWV-W8	11331319	\$ 5
	" W9 "	50	IDB5-BTWV-W9	11331324	\$ 5
	" 0 "	50	IDB5-BTWV-0	11331326	\$ 5
	" 1 "	50	IDB5-BTWV-1	11331338	\$ 5
	" 2 "	50	IDB5-BTWV-2	11331340	\$ 5
	" 3 "	50	IDB5-BTWV-3	11331341	\$ 5
	" 4 "	50	IDB5-BTWV-4	11331342	\$ 5
	" 5 "	50	IDB5-BTWV-5	11331344	\$ 5
	" 6 "	50	IDB5-BTWV-6	11331345	\$ 5
	" 7 "	50	IDB5-BTWV-7	11331346	\$ 5
	" 8 "	50	IDB5-BTWV-8	11331352	\$ 5
	" 9 "	50	IDB5-BTWV-9	11331353	\$ 5
	" 10 "	50	IDB5-BTWV-10	11331354	\$ 5
	"1...10" (5x)	50	IDB5-BTWV-1-10	11127468	\$ 5
	"11...20" (5x)	50	IDB5-BTWV-11-20	11127766	\$ 5
	"21...30" (5x)	50	IDB5-BTWV-21-30	11127469	\$ 5
	"31...40" (5x)	50	IDB5-BTWV-31-40	11127938	\$ 5
	"41...50" (5x)	50	IDB5-BTWV-41-50	11127939	\$ 5
	"1...50"	50	IDB5-BTWV-1-50	11091565	\$ 5
	"51...100"	50	IDB5-BTWV-51-100	11091912	\$ 5
	" R "	50	IDB5-BTWV-R	11127474	\$ 5
	" S "	50	IDB5-BTWV-S	11127476	\$ 5
	" T "	50	IDB5-BTWV-T	11127473	\$ 5
	" U "	50	IDB5-BTWV-U	11127941	\$ 5
	" V "	50	IDB5-BTWV-V	11127942	\$ 5
	" W "	50	IDB5-BTWV-W	11127945	\$ 5
	" + "	50	IDB5-BTWV-+	11331399	\$ 5
	" - "	50	IDB5-BTWV- -	11331401	\$ 5
	⚡	50	IDB5-BTWV-TERRA	11331403	\$ 5
	101-150	50	IDB5-BTWV-101-150	11331404	\$ 5
	151-200	50	IDB5-BTWV-151-200	11331405	\$ 5
	201-250	50	IDB5-BTWV-201-250	11331407	\$ 5
251-300	50	IDB5-BTWV-251-300	11331409	\$ 5	
301-350	50	IDB5-BTWV-301-350	11331411	\$ 5	
351-400	50	IDB5-BTWV-351-400	11331412	\$ 5	
401-450	50	IDB5-BTWV-401-450	11331415	\$ 5	
451-500	50	IDB5-BTWV-451-500	11331416	\$ 5	



# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG6/5-BTW printed at the horizontal position	" A "	40	IDG6/5-BTWH-A	10872851	\$ 9
	" B "	40	IDG6/5-BTWH-B	10872854	\$ 9
	" C "	40	IDG6/5-BTWH-C	10872856	\$ 9
	" D "	40	IDG6/5-BTWH-D	10872857	\$ 9
	" E "	40	IDG6/5-BTWH-E	10872858	\$ 9
	" F "	40	IDG6/5-BTWH-F	10872889	\$ 9
	" G "	40	IDG6/5-BTWH-G	10872891	\$ 9
	" H "	40	IDG6/5-BTWH-H	10872893	\$ 9
	" I "	40	IDG6/5-BTWH-I	10872894	\$ 9
	" J "	40	IDG6/5-BTWH-J	10872895	\$ 9
	" K "	40	IDG6/5-BTWH-K	10872897	\$ 9
	" L "	40	IDG6/5-BTWH-L	10872975	\$ 9
	" M "	40	IDG6/5-BTWH-M	10872898	\$ 9
	" N "	40	IDG6/5-BTWH-N	10872900	\$ 9
	" O "	40	IDG6/5-BTWH-O	10872902	\$ 9
	" P "	40	IDG6/5-BTWH-P	10872903	\$ 9
	" Q "	40	IDG6/5-BTWH-Q	10872919	\$ 9
	" X "	40	IDG6/5-BTWH-X	10872921	\$ 9
	" Y "	40	IDG6/5-BTWH-Y	10872922	\$ 9
	" Z "	40	IDG6/5-BTWH-Z	10883455	\$ 9
	"A..Z.A..X"	40	IDG6/5-BTWH-A-Z/A-P	10873746	\$ 9
	" R1 "	40	IDG6/5-BTWH-R1	10873768	\$ 9
	" R2 "	40	IDG6/5-BTWH-R2	10873769	\$ 9
	" R3 "	40	IDG6/5-BTWH-R3	10873770	\$ 9
	" R4 "	40	IDG6/5-BTWH-R4	10873771	\$ 9
	" R5 "	40	IDG6/5-BTWH-R5	10873772	\$ 9
	" R6 "	40	IDG6/5-BTWH-R6	10873774	\$ 9
	" R7 "	40	IDG6/5-BTWH-R7	10873776	\$ 9
	" R8 "	40	IDG6/5-BTWH-R8	10873778	\$ 9
	" R9 "	40	IDG6/5-BTWH-R9	10873780	\$ 9
	" S1 "	40	IDG6/5-BTWH-S1	10873927	\$ 9
	" S2 "	40	IDG6/5-BTWH-S2	10873939	\$ 9
	" S3 "	40	IDG6/5-BTWH-S3	10873940	\$ 9
	" S4 "	40	IDG6/5-BTWH-S4	10873942	\$ 9
	" S5 "	40	IDG6/5-BTWH-S5	10873943	\$ 9
	" S6 "	40	IDG6/5-BTWH-S6	10873945	\$ 9
	" S7 "	40	IDG6/5-BTWH-S7	10873969	\$ 9
	" S8 "	40	IDG6/5-BTWH-S8	10873998	\$ 9
	" S9 "	40	IDG6/5-BTWH-S9	10873999	\$ 9
	" T1 "	40	IDG6/5-BTWH-T1	10874075	\$ 9
	" T2 "	40	IDG6/5-BTWH-T2	10874076	\$ 9
	" T3 "	40	IDG6/5-BTWH-T3	10874077	\$ 9
	" T4 "	40	IDG6/5-BTWH-T4	10874098	\$ 9
	" T5 "	40	IDG6/5-BTWH-T5	10874099	\$ 9
	" T6 "	40	IDG6/5-BTWH-T6	10874100	\$ 9
	" T7 "	40	IDG6/5-BTWH-T7	10874101	\$ 9
	" T8 "	40	IDG6/5-BTWH-T8	10874102	\$ 9
" T9 "	40	IDG6/5-BTWH-T9	10874103	\$ 9	
" U1 "	40	IDG6/5-BTWH-U1	10874397	\$ 9	
" U2 "	40	IDG6/5-BTWH-U2	10874413	\$ 9	
" U3 "	40	IDG6/5-BTWH-U3	10874414	\$ 9	
" U4 "	40	IDG6/5-BTWH-U4	10874415	\$ 9	
" U5 "	40	IDG6/5-BTWH-U5	10874416	\$ 9	
" U6 "	40	IDG6/5-BTWH-U6	10874440	\$ 9	
" U7 "	40	IDG6/5-BTWH-U7	10874442	\$ 9	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG6/5-BTW printed at the horizontal position	" U8 "	40	IDG6/5-BTWH-U8	10874443	\$ 9
	" U9 "	40	IDG6/5-BTWH-U9	10874459	\$ 9
	" V1 "	40	IDG6/5-BTWH-V1	10874574	\$ 9
	" V2 "	40	IDG6/5-BTWH-V2	10874575	\$ 9
	" V3 "	40	IDG6/5-BTWH-V3	10874576	\$ 9
	" V4 "	40	IDG6/5-BTWH-V4	10874577	\$ 9
	" V5 "	40	IDG6/5-BTWH-V5	10874599	\$ 9
	" V6 "	40	IDG6/5-BTWH-V6	10874603	\$ 9
	" V7 "	40	IDG6/5-BTWH-V7	10874605	\$ 9
	" V8 "	40	IDG6/5-BTWH-V8	10874606	\$ 9
	" V9 "	40	IDG6/5-BTWH-V9	10874607	\$ 9
	" W1 "	40	IDG6/5-BTWH-W1	10874752	\$ 9
	" W2 "	40	IDG6/5-BTWH-W2	10874753	\$ 9
	" W3 "	40	IDG6/5-BTWH-W3	10874754	\$ 9
	" W4 "	40	IDG6/5-BTWH-W4	10874755	\$ 9
	" W5 "	40	IDG6/5-BTWH-W5	10874756	\$ 9
	" W6 "	40	IDG6/5-BTWH-W6	10874757	\$ 9
	" W7 "	40	IDG6/5-BTWH-W7	10874904	\$ 9
	" W8 "	40	IDG6/5-BTWH-W8	10874905	\$ 9
	" W9 "	40	IDG6/5-BTWH-W9	10874907	\$ 9
	" 0 "	40	IDG6/5-BTWH-0	10795627	\$ 9
	" 1 "	40	IDG6/5-BTWH-1	10795640	\$ 9
	" 2 "	40	IDG6/5-BTWH-2	10795642	\$ 9
	" 3 "	40	IDG6/5-BTWH-3	10795660	\$ 9
	" 4 "	40	IDG6/5-BTWH-4	10795662	\$ 9
	" 5 "	40	IDG6/5-BTWH-5	10795665	\$ 9
	" 6 "	40	IDG6/5-BTWH-6	10795667	\$ 9
	" 7 "	40	IDG6/5-BTWH-7	10795681	\$ 9
	" 8 "	40	IDG6/5-BTWH-8	10795683	\$ 9
	" 9 "	40	IDG6/5-BTWH-9	10795685	\$ 9
	" 10 "	40	IDG6/5-BTWH-10	10795687	\$ 9
	"1...10" (5x)	40	IDG6/5-BTWH-1-10	10795698	\$ 9
	"11...20" (5x)	40	IDG6/5-BTWH-11-20	10795700	\$ 9
	"21...30" (5x)	40	IDG6/5-BTWH-21-30	10795705	\$ 9
	"31...40" (5x)	40	IDG6/5-BTWH-31-40	10795706	\$ 9
	"41...50" (5x)	40	IDG6/5-BTWH-41-50	10795707	\$ 9
	"1...50"	40	IDG6/5-BTWH-1-40	10795708	\$ 9
	"51...100"	40	IDG6/5-BTWH-41-80	10795711	\$ 9
	" R "	40	DG6/5-BTWH-81-120	10795712	\$ 9
	" S "	40	IDG6/5-BTWH-R	10795713	\$ 9
	" T "	40	IDG6/5-BTWH-S	10795714	\$ 9
	" U "	40	IDG6/5-BTWH-T	10795716	\$ 9
	" V "	40	IDG6/5-BTWH-U	10795718	\$ 9
	" W "	40	IDG6/5-BTWH-V	10795719	\$ 9
	" + "	40	IDG6/5-BTWH-W	10795720	\$ 9
	" - "	40	IDG6/5-BTWH-+	10795722	\$ 9
		40	IDG6/5-BTWH- -	10795723	\$ 9
	101-150	40	IDG6/5-BTWH-TERRA	10795726	\$ 9
	151-200	40	DG6/5-BTWH-121-160	11071102	\$ 9
	201-250	40	DG6/5-BTWH-161-200	11071103	\$ 9
251-300	40	DG6/5-BTWH-201-240	11071544	\$ 9	
301-350	40	DG6/5-BTWH-241-280	11071545	\$ 9	
351-400	40	DG6/5-BTWH-281-320	11071546	\$ 9	
401-450	40	DG6/5-BTWH-321-360	11071547	\$ 9	
451-500	40	DG6/5-BTWH-361-400	11071568	\$ 9	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG6/5-BTW printed at the vertical position	" A "	40	IDG6/5-BTWV-A	11332617	\$ 9
	" B "	40	IDG6/5-BTWV-B	11332709	\$ 9
	" C "	40	IDG6/5-BTWV-C	11332710	\$ 9
	" D "	40	IDG6/5-BTWV-D	11332712	\$ 9
	" E "	40	IDG6/5-BTWV-E	11332714	\$ 9
	" F "	40	IDG6/5-BTWV-F	11332715	\$ 9
	" G "	40	IDG6/5-BTWV-G	11332717	\$ 9
	" H "	40	IDG6/5-BTWV-H	11332728	\$ 9
	" I "	40	IDG6/5-BTWV-I	11332730	\$ 9
	" J "	40	IDG6/5-BTWV-J	11332731	\$ 9
	" K "	40	IDG6/5-BTWV-K	11332733	\$ 9
	" L "	40	IDG6/5-BTWV-L	11332734	\$ 9
	" M "	40	IDG6/5-BTWV-M	11332735	\$ 9
	" N "	40	IDG6/5-BTWV-N	11332736	\$ 9
	" O "	40	IDG6/5-BTWV-O	11332737	\$ 9
	" P "	40	IDG6/5-BTWV-P	11332739	\$ 9
	" Q "	40	IDG6/5-BTWV-Q	11332740	\$ 9
	" X "	40	IDG6/5-BTWV-X	11332742	\$ 9
	" Y "	40	IDG6/5-BTWV-Y	11332743	\$ 9
	" Z "	40	IDG6/5-BTWV-Z	11332745	\$ 9
	"A..Z. A..X"	40	IDG6/5-BTWV-A-Z/A-P	11332747	\$ 9
	" R1 "	40	IDG6/5-BTWV-R1	11332947	\$ 9
	" R2 "	40	IDG6/5-BTWV-R2	11332948	\$ 9
	" R3 "	40	IDG6/5-BTWV-R3	11332949	\$ 9
	" R4 "	40	IDG6/5-BTWV-R4	11332950	\$ 9
	" R5 "	40	IDG6/5-BTWV-R5	11332951	\$ 9
	" R6 "	40	IDG6/5-BTWV-R6	11332953	\$ 9
	" R7 "	40	IDG6/5-BTWV-R7	11332954	\$ 9
	" R8 "	40	IDG6/5-BTWV-R8	11332955	\$ 9
	" R9 "	40	IDG6/5-BTWV-R9	11332956	\$ 9
	" S1 "	40	IDG6/5-BTWV-S1	11332957	\$ 9
	" S2 "	40	IDG6/5-BTWV-S2	11332978	\$ 9
	" S3 "	40	IDG6/5-BTWV-S3	11332979	\$ 9
	" S4 "	40	IDG6/5-BTWV-S4	11333050	\$ 9
	" S5 "	40	IDG6/5-BTWV-S5	11333053	\$ 9
	" S6 "	40	IDG6/5-BTWV-S6	11333056	\$ 9
	" S7 "	40	IDG6/5-BTWV-S7	11333059	\$ 9
	" S8 "	40	IDG6/5-BTWV-S8	11333060	\$ 9
	" S9 "	40	IDG6/5-BTWV-S9	11333062	\$ 9
	" T1 "	40	IDG6/5-BTWV-T1	11333065	\$ 9
	" T2 "	40	IDG6/5-BTWV-T2	11333066	\$ 9
	" T3 "	40	IDG6/5-BTWV-T3	11333078	\$ 9
	" T4 "	40	IDG6/5-BTWV-T4	11333081	\$ 9
	" T5 "	40	IDG6/5-BTWV-T5	11333082	\$ 9
	" T6 "	40	IDG6/5-BTWV-T6	11333083	\$ 9
	" T7 "	40	IDG6/5-BTWV-T7	11333085	\$ 9
	" T8 "	40	IDG6/5-BTWV-T8	11333102	\$ 9
" T9 "	40	IDG6/5-BTWV-T9	11333104	\$ 9	
" U1 "	40	IDG6/5-BTWV-U1	11333106	\$ 9	
" U2 "	40	IDG6/5-BTWV-U2	11333107	\$ 9	
" U3 "	40	IDG6/5-BTWV-U3	11333120	\$ 9	
" U4 "	40	IDG6/5-BTWV-U4	11333121	\$ 9	
" U5 "	40	IDG6/5-BTWV-U5	11333123	\$ 9	
" U6 "	40	IDG6/5-BTWV-U6	11333125	\$ 9	
" U7 "	40	IDG6/5-BTWV-U7	11333127	\$ 9	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG6/5-BTW printed at the vertical position	" U8 "	40	IDG6/5-BTWV-U8	11333138	\$ 9
	" U9 "	40	IDG6/5-BTWV-U9	11333140	\$ 9
	" V1 "	40	IDG6/5-BTWV-V1	11333142	\$ 9
	" V2 "	40	IDG6/5-BTWV-V2	11333143	\$ 9
	" V3 "	40	IDG6/5-BTWV-V3	11333145	\$ 9
	" V4 "	40	IDG6/5-BTWV-V4	11333146	\$ 9
	" V5 "	40	IDG6/5-BTWV-V5	11333149	\$ 9
	" V6 "	40	IDG6/5-BTWV-V6	11333151	\$ 9
	" V7 "	40	IDG6/5-BTWV-V7	11333152	\$ 9
	" V8 "	40	IDG6/5-BTWV-V8	11333154	\$ 9
	" V9 "	40	IDG6/5-BTWV-V9	11333157	\$ 9
	" W1 "	40	IDG6/5-BTWV-W1	11333159	\$ 9
	" W2 "	40	IDG6/5-BTWV-W2	11333160	\$ 9
	" W3 "	40	IDG6/5-BTWV-W3	11333161	\$ 9
	" W4 "	40	IDG6/5-BTWV-W4	11333162	\$ 9
	" W5 "	40	IDG6/5-BTWV-W5	11333163	\$ 9
	" W6 "	40	IDG6/5-BTWV-W6	11333164	\$ 9
	" W7 "	40	IDG6/5-BTWV-W7	11333166	\$ 9
	" W8 "	40	IDG6/5-BTWV-W8	11333188	\$ 9
	" W9 "	40	IDG6/5-BTWV-W9	11333191	\$ 9
	" 0 "	40	IDG6/5-BTWV-0	11333235	\$ 9
	" 1 "	40	IDG6/5-BTWV-1	11333237	\$ 9
	" 2 "	40	IDG6/5-BTWV-2	11333248	\$ 9
	" 3 "	40	IDG6/5-BTWV-3	11333250	\$ 9
	" 4 "	40	IDG6/5-BTWV-4	11333252	\$ 9
	" 5 "	40	IDG6/5-BTWV-5	11333253	\$ 9
	" 6 "	40	IDG6/5-BTWV-6	11333256	\$ 9
	" 7 "	40	IDG6/5-BTWV-7	11333278	\$ 9
	" 8 "	40	IDG6/5-BTWV-8	11333279	\$ 9
	" 9 "	40	IDG6/5-BTWV-9	11333281	\$ 9
	" 10 "	40	IDG6/5-BTWV-10	11333283	\$ 9
	"1...10" (5x)	40	IDG6/5-BTWV-1-10	11333284	\$ 9
	"11...20" (5x)	40	IDG6/5-BTWV-11-20	11333286	\$ 9
	"21...30" (5x)	40	IDG6/5-BTWV-21-30	11333287	\$ 9
	"31...40" (5x)	40	IDG6/5-BTWV-31-40	11333289	\$ 9
	"41...50" (5x)	40	IDG6/5-BTWV-41-50	11333290	\$ 9
	"1...50"	40	IDG6/5-BTWV-1-40	11333292	\$ 9
	"51...100"	40	IDG6/5-BTWV-41-80	11333296	\$ 9
	" R "	40	IDG6/5-BTWV-81-120	11333297	\$ 9
	" S "	40	IDG6/5-BTWV-R	11333309	\$ 9
	" T "	40	IDG6/5-BTWV-S	11333311	\$ 9
	" U "	40	IDG6/5-BTWV-T	11333313	\$ 9
	" V "	40	IDG6/5-BTWV-U	11333315	\$ 9
	" W "	40	IDG6/5-BTWV-V	11333317	\$ 9
	" + "	40	IDG6/5-BTWV-W	11333329	\$ 9
	" - "	40	IDG6/5-BTWV-+	11333331	\$ 9
		40	IDG6/5-BTWV- -	11333333	\$ 9
	101-150	40	IDG6/5-BTWV-TERRA	11333334	\$ 9
	151-200	40	IDG6/5-BTWV-121-160	11333335	\$ 9
	201-250	40	IDG6/5-BTWV-161-200	11333336	\$ 9
251-300	40	IDG6/5-BTWV-201-240	11333337	\$ 9	
301-350	40	IDG6/5-BTWV-241-280	11333338	\$ 9	
351-400	40	IDG6/5-BTWV-281-320	11333339	\$ 9	
401-450	40	IDG6/5-BTWV-321-360	11333340	\$ 9	
451-500	40	IDG6/5-BTWV-361-400	11333342	\$ 9	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/5-BTW printed at the horizontal position	" A "	44	IDG10/5-BTWH-A	10872925	\$ 9
	" B "	44	IDG10/5-BTWH-B	10872938	\$ 9
	" C "	44	IDG10/5-BTWH-C	10872940	\$ 9
	" D "	44	IDG10/5-BTWH-D	10872991	\$ 9
	" E "	44	IDG10/5-BTWH-E	10872992	\$ 9
	" F "	44	IDG10/5-BTWH-F	10872988	\$ 9
	" G "	44	IDG10/5-BTWH-G	10872942	\$ 9
	" H "	44	IDG10/5-BTWH-H	10872944	\$ 9
	" I "	44	IDG10/5-BTWH-I	10872945	\$ 9
	" J "	44	IDG10/5-BTWH-J	10872946	\$ 9
	" K "	44	IDG10/5-BTWH-K	10872969	\$ 9
	" L "	44	IDG10/5-BTWH-L	10872989	\$ 9
	" M "	44	IDG10/5-BTWH-M	10872990	\$ 9
	" N "	44	IDG10/5-BTWH-N	10872993	\$ 9
	" O "	44	IDG10/5-BTWH-O	10872995	\$ 9
	" P "	44	IDG10/5-BTWH-P	10872999	\$ 9
	" Q "	44	IDG10/5-BTWH-Q	10873000	\$ 9
	" X "	44	IDG10/5-BTWH-X	10873001	\$ 9
	" Y "	44	IDG10/5-BTWH-Y	10873002	\$ 9
	" Z "	44	IDG10/5-BTWH-Z	10883456	\$ 9
	"A...Z. A...X"	44	IDG10/5-BTWH-A-Z/A-T	10873747	\$ 9
	" R1 "	44	IDG10/5-BTWH-R1	10873781	\$ 9
	" R2 "	44	IDG10/5-BTWH-R2	10873783	\$ 9
	" R3 "	44	IDG10/5-BTWH-R3	10873786	\$ 9
	" R4 "	44	IDG10/5-BTWH-R4	10873788	\$ 9
	" R5 "	44	IDG10/5-BTWH-R5	10873791	\$ 9
	" R6 "	44	IDG10/5-BTWH-R6	10873789	\$ 9
	" R7 "	44	IDG10/5-BTWH-R7	10873790	\$ 9
	" R8 "	44	IDG10/5-BTWH-R8	10873792	\$ 9
	" R9 "	44	IDG10/5-BTWH-R9	10873793	\$ 9
	" S1 "	44	IDG10/5-BTWH-S1	10873974	\$ 9
	" S2 "	44	IDG10/5-BTWH-S2	10873971	\$ 9
	" S3 "	44	IDG10/5-BTWH-S3	10873975	\$ 9
	" S4 "	44	IDG10/5-BTWH-S4	10873972	\$ 9
	" S5 "	44	IDG10/5-BTWH-S5	10873976	\$ 9
	" S6 "	44	IDG10/5-BTWH-S6	10874001	\$ 9
	" S7 "	44	IDG10/5-BTWH-S7	10873941	\$ 9
	" S8 "	44	IDG10/5-BTWH-S8	10874002	\$ 9
	" S9 "	44	IDG10/5-BTWH-S9	10874004	\$ 9
	" T1 "	44	IDG10/5-BTWH-T1	10874104	\$ 9
	" T2 "	44	IDG10/5-BTWH-T2	10874107	\$ 9
	" T3 "	44	IDG10/5-BTWH-T3	10874118	\$ 9
	" T4 "	44	IDG10/5-BTWH-T4	10874119	\$ 9
	" T5 "	44	IDG10/5-BTWH-T5	10874122	\$ 9
	" T6 "	44	IDG10/5-BTWH-T6	10875464	\$ 9
	" T7 "	44	IDG10/5-BTWH-T7	10874209	\$ 9
" T8 "	44	IDG10/5-BTWH-T8	10874216	\$ 9	
" T9 "	44	IDG10/5-BTWH-T9	10874233	\$ 9	
" U1 "	44	IDG10/5-BTWH-U1	10875434	\$ 9	
" U2 "	44	IDG10/5-BTWH-U2	10875436	\$ 9	
" U3 "	44	IDG10/5-BTWH-U3	10875437	\$ 9	
" U4 "	44	IDG10/5-BTWH-U4	10875458	\$ 9	
" U5 "	44	IDG10/5-BTWH-U5	10875459	\$ 9	
" U6 "	44	IDG10/5-BTWH-U6	10875460	\$ 9	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/5-BTW printed at the horizontal position	" U7 "	44	IDG10/5-BTWH-U7	10875463	\$ 9
	" U8 "	44	IDG10/5-BTWH-U8	10875461	\$ 9
	" U9 "	44	IDG10/5-BTWH-U9	10875462	\$ 9
	" V1 "	44	IDG10/5-BTWH-V1	10874629	\$ 9
	" V2 "	44	IDG10/5-BTWH-V2	10875467	\$ 9
	" V3 "	44	IDG10/5-BTWH-V3	10874636	\$ 9
	" V4 "	44	IDG10/5-BTWH-V4	10874650	\$ 9
	" V5 "	44	IDG10/5-BTWH-V5	10874651	\$ 9
	" V6 "	44	IDG10/5-BTWH-V6	10874654	\$ 9
	" V7 "	44	IDG10/5-BTWH-V7	10874696	\$ 9
	" V8 "	44	IDG10/5-BTWH-V8	10874708	\$ 9
	" V9 "	44	IDG10/5-BTWH-V9	10874711	\$ 9
	" W1 "	44	IDG10/5-BTWH-W1	10874930	\$ 9
	" W2 "	44	IDG10/5-BTWH-W2	10874941	\$ 9
	" W3 "	44	IDG10/5-BTWH-W3	10874968	\$ 9
	" W4 "	44	IDG10/5-BTWH-W4	10874974	\$ 9
	" W5 "	44	IDG10/5-BTWH-W5	10875037	\$ 9
	" W6 "	44	IDG10/5-BTWH-W6	10875048	\$ 9
	" W7 "	44	IDG10/5-BTWH-W7	10875050	\$ 9
	" W8 "	44	IDG10/5-BTWH-W8	10875051	\$ 9
	" W9 "	44	IDG10/5-BTWH-W9	10875053	\$ 9
	" 0 "	44	IDG10/5-BTWH-0	10795739	\$ 9
	" 1 "	44	IDG10/5-BTWH-1	10795742	\$ 9
	" 2 "	44	IDG10/5-BTWH-2	10795744	\$ 9
	" 3 "	44	IDG10/5-BTWH-3	10795747	\$ 9
	" 4 "	44	IDG10/5-BTWH-4	10795758	\$ 9
	" 5 "	44	IDG10/5-BTWH-5	10795760	\$ 9
	" 6 "	44	IDG10/5-BTWH-6	10795899	\$ 9
	" 7 "	44	IDG10/5-BTWH-7	10795901	\$ 9
	" 8 "	44	IDG10/5-BTWH-8	10795904	\$ 9
	" 9 "	44	IDG10/5-BTWH-9	10795905	\$ 9
	" 10 "	44	IDG10/5-BTWH-10	10795928	\$ 9
	" 11 "	44	IDG10/5-BTWH-11	10921286	\$ 9
	1-22	44	IDG10/5-BTWH-1-22	10795931	\$ 9
	23-44	44	IDG10/5-BTWH-23-44	10795937	\$ 9
	1-44	44	IDG10/5-BTWH-1-44	10795946	\$ 9
	45-88	44	IDG10/5-BTWH-45-88	10795948	\$ 9
	89-132	44	IDG10/5-BTWH-89-132	10795951	\$ 9
	" R "	44	IDG10/5-BTWH-R	10795953	\$ 9
	" S "	44	IDG10/5-BTWH-S	10795954	\$ 9
	" T "	44	IDG10/5-BTWH-T	10795955	\$ 9
	" U "	44	IDG10/5-BTWH-U	10795956	\$ 9
	" V "	44	IDG10/5-BTWH-V	10795957	\$ 9
	" W "	44	IDG10/5-BTWH-W	10795961	\$ 9
" + "	44	IDG10/5-BTWH-+	10795966	\$ 9	
" - "	44	IDG10/5-BTWH- -	10795991	\$ 9	
	44	IDG10/5-BTWH-TERRA	10795994	\$ 9	
11-20	44	IDG10/5-BTWH-11-20	10965302	\$ 9	
133-176	44	IDG10/5-BTWH-133-176	11071569	\$ 9	
177-220	44	IDG10/5-BTWH-177-220	11071570	\$ 9	
221-264	44	IDG10/5-BTWH-221-264	11071571	\$ 9	
265-308	44	IDG10/5-BTWH-265-308	11071572	\$ 9	
309-352	44	IDG10/5-BTWH-309-352	11071573	\$ 9	
353-396	44	IDG10/5-BTWH-353-396	11071639	\$ 9	
397-440	44	IDG10/5-BTWH-397-440	11071640	\$ 3.08	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/5-BTW printed at the vertical position	" A "	44	IDG10/5-BTWW-A	11335548	\$ 9
	" B "	44	IDG10/5-BTWW-B	11335549	\$ 9
	" C "	44	IDG10/5-BTWW-C	11335551	\$ 9
	" D "	44	IDG10/5-BTWW-D	11335552	\$ 9
	" E "	44	IDG10/5-BTWW-E	11335554	\$ 9
	" F "	44	IDG10/5-BTWW-F	11335556	\$ 9
	" G "	44	IDG10/5-BTWW-G	11335557	\$ 9
	" H "	44	IDG10/5-BTWW-H	11335559	\$ 9
	" I "	44	IDG10/5-BTWW-I	11335562	\$ 9
	" J "	44	IDG10/5-BTWW-J	11335564	\$ 9
	" K "	44	IDG10/5-BTWW-K	11335567	\$ 9
	" L "	44	IDG10/5-BTWW-L	11335570	\$ 9
	" M "	44	IDG10/5-BTWW-M	11335572	\$ 9
	" N "	44	IDG10/5-BTWH-N	10872993	\$ 9
	" O "	44	IDG10/5-BTWW-O	11335590	\$ 9
	" P "	44	IDG10/5-BTWW-P	11335591	\$ 9
	" Q "	44	IDG10/5-BTWW-Q	11335595	\$ 9
	" X "	44	IDG10/5-BTWW-X	11335597	\$ 9
	" Y "	44	IDG10/5-BTWW-Y	11335609	\$ 9
	" Z "	44	IDG10/5-BTWW-Z	11335610	\$ 9
	"A...Z. A...X"	44	IDG10/5-BTWW-A-Z/A-T	11335611	\$ 9
	" R1 "	44	IDG10/5-BTWW-R1	11335616	\$ 9
	" R2 "	44	IDG10/5-BTWW-R2	11335617	\$ 9
	" R3 "	44	IDG10/5-BTWW-R3	11335635	\$ 9
	" R4 "	44	IDG10/5-BTWW-R4	11335636	\$ 9
	" R5 "	44	IDG10/5-BTWW-R5	11335637	\$ 9
	" R6 "	44	IDG10/5-BTWW-R6	11335668	\$ 9
	" R7 "	44	IDG10/5-BTWW-R7	11335669	\$ 9
	" R8 "	44	IDG10/5-BTWW-R8	11335670	\$ 9
	" R9 "	44	IDG10/5-BTWW-R9	11335671	\$ 9
	" S1 "	44	IDG10/5-BTWW-S1	11335675	\$ 9
	" S2 "	44	IDG10/5-BTWW-S2	11335677	\$ 9
	" S3 "	44	IDG10/5-BTWW-S3	11335678	\$ 9
	" S4 "	44	IDG10/5-BTWW-S4	11335679	\$ 9
	" S5 "	44	IDG10/5-BTWW-S5	11335682	\$ 9
	" S6 "	44	IDG10/5-BTWW-S6	11335684	\$ 9
	" S7 "	44	IDG10/5-BTWW-S7	11335686	\$ 9
	" S8 "	44	IDG10/5-BTWW-S8	11335688	\$ 9
	" S9 "	44	IDG10/5-BTWW-S9	11335689	\$ 9
	" T1 "	44	IDG10/5-BTWW-T1	11335693	\$ 9
	" T2 "	44	IDG10/5-BTWW-T2	11335694	\$ 9
	" T3 "	44	IDG10/5-BTWW-T3	11335696	\$ 9
	" T4 "	44	IDG10/5-BTWW-T4	11335718	\$ 9
	" T5 "	44	IDG10/5-BTWW-T5	11335721	\$ 9
	" T6 "	44	IDG10/5-BTWW-T6	11335723	\$ 9
	" T7 "	44	IDG10/5-BTWW-T7	11335724	\$ 9
	" T8 "	44	IDG10/5-BTWW-T8	11335725	\$ 9
" T9 "	44	IDG10/5-BTWW-T9	11335727	\$ 9	
" U1 "	44	IDG10/5-BTWW-U1	11335749	\$ 9	
" U2 "	44	IDG10/5-BTWW-U2	11335750	\$ 9	
" U3 "	44	IDG10/5-BTWW-U3	11335755	\$ 9	
" U4 "	44	IDG10/5-BTWW-U4	11335756	\$ 9	
" U5 "	44	IDG10/5-BTWW-U5	11335758	\$ 9	
" U6 "	44	IDG10/5-BTWW-U6	11335759	\$ 9	
" U7 "	44	IDG10/5-BTWW-U7	11335760	\$ 3.08	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/5-BTW printed at the vertical position	" U8 "	44	IDG10/5-BTWV-U8	11335762	\$ 9
	" U9 "	44	IDG10/5-BTWV-U9	11335763	\$ 9
	" V1 "	44	IDG10/5-BTWV-V1	11335764	\$ 9
	" V2 "	44	IDG10/5-BTWV-V2	11335766	\$ 9
	" V3 "	44	IDG10/5-BTWV-V3	11335767	\$ 9
	" V4 "	44	IDG10/5-BTWV-V4	11335788	\$ 9
	" V5 "	44	IDG10/5-BTWV-V5	11335789	\$ 9
	" V6 "	44	IDG10/5-BTWV-V6	11335790	\$ 9
	" V7 "	44	IDG10/5-BTWV-V7	11335791	\$ 9
	" V8 "	44	IDG10/5-BTWV-V8	11335792	\$ 9
	" V9 "	44	IDG10/5-BTWV-V9	11335793	\$ 9
	" W1 "	44	IDG10/5-BTWV-W1	11335794	\$ 9
	" W2 "	44	IDG10/5-BTWV-W2	11335795	\$ 9
	" W3 "	44	IDG10/5-BTWV-W3	11335796	\$ 9
	" W4 "	44	IDG10/5-BTWV-W4	11335797	\$ 9
	" W5 "	44	IDG10/5-BTWV-W5	11335808	\$ 9
	" W6 "	44	IDG10/5-BTWV-W6	11335809	\$ 9
	" W7 "	44	IDG10/5-BTWV-W7	11335810	\$ 9
	" W8 "	44	IDG10/5-BTWV-W8	11335811	\$ 9
	" W9 "	44	IDG10/5-BTWV-W9	11335812	\$ 9
	" 0 "	44	IDG10/5-BTWV-0	11335814	\$ 9
	" 1 "	44	IDG10/5-BTWV-1	11335815	\$ 9
	" 2 "	44	IDG10/5-BTWV-2	11335816	\$ 9
	" 3 "	44	IDG10/5-BTWV-3	11335817	\$ 9
	" 4 "	44	IDG10/5-BTWV-4	11335848	\$ 9
	" 5 "	44	IDG10/5-BTWV-5	11335850	\$ 9
	" 6 "	44	IDG10/5-BTWV-6	11335851	\$ 9
	" 7 "	44	IDG10/5-BTWV-7	11335853	\$ 9
	" 8 "	44	IDG10/5-BTWV-8	11335855	\$ 9
	" 9 "	44	IDG10/5-BTWV-9	11335856	\$ 9
	" 10 "	44	IDG10/5-BTWV-10	11335857	\$ 9
	" 11 "	44	IDG10/5-BTWV-11	11335878	\$ 9
	1-22	44	IDG10/5-BTWV-1-22	11335879	\$ 9
	23-44	44	IDG10/5-BTWV-23-44	11335881	\$ 9
	1-44	44	IDG10/5-BTWV-1-44	11335882	\$ 9
	45-88	44	IDG10/5-BTWV-45-88	11335883	\$ 9
	89-132	44	IDG10/5-BTWV-89-132	11335884	\$ 9
	" R "	44	IDG10/5-BTWV-R	11163385	\$ 9
	" S "	44	IDG10/5-BTWV-S	11163386	\$ 9
	" T "	44	IDG10/5-BTWV-T	11163387	\$ 9
	" U "	44	IDG10/5-BTWV-U	11163398	\$ 9
	" V "	44	IDG10/5-BTWV-V	11163400	\$ 9
	" W "	44	IDG10/5-BTWV-W	11163401	\$ 9
	" + "	44	IDG10/5-BTWV-+	11335886	\$ 9
" - "	44	IDG10/5-BTWV- -	11335887	\$ 9	
	44	IDG10/5-BTWV-TERRA	11163382	\$ 9	
11-20	44	IDG10/5-BTWV-11-20	11163380	\$ 9	
133-176	44	IDG10/5-BTWV-133-176	11335918	\$ 9	
177-220	44	IDG10/5-BTWV-177-220	11335919	\$ 9	
221-264	44	IDG10/5-BTWV-221-264	11335920	\$ 9	
265-308	44	IDG10/5-BTWV-265-308	11335921	\$ 9	
309-352	44	IDG10/5-BTWV-309-352	11335922	\$ 9	
353-396	44	IDG10/5-BTWV-353-396	11335923	\$ 9	
397-440	44	IDG10/5-BTWV-397-440	11335924	\$ 9	



# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/6-BTW printed at the horizontal position	" A "	36	IDG10/6-BTWH-A	10873004	\$ 10
	" B "	36	IDG10/6-BTWH-B	10873006	\$ 10
	" C "	36	IDG10/6-BTWH-C	10873008	\$ 10
	" D "	36	IDG10/6-BTWH-D	10873007	\$ 10
	" E "	36	IDG10/6-BTWH-E	10873009	\$ 10
	" F "	36	IDG10/6-BTWH-F	10873010	\$ 10
	" G "	36	IDG10/6-BTWH-G	10873011	\$ 10
	" H "	36	IDG10/6-BTWH-H	10873013	\$ 10
	" I "	36	IDG10/6-BTWH-I	10873019	\$ 10
	" J "	36	IDG10/6-BTWH-J	10873020	\$ 10
	" K "	36	IDG10/6-BTWH-K	10873014	\$ 10
	" L "	36	IDG10/6-BTWH-L	10873021	\$ 10
	" M "	36	IDG10/6-BTWH-M	10873015	\$ 10
	" N "	36	IDG10/6-BTWH-N	10873016	\$ 10
	" O "	36	IDG10/6-BTWH-O	10873017	\$ 10
	" P "	36	IDG10/6-BTWH-P	10873022	\$ 10
	" Q "	36	IDG10/6-BTWH-Q	10873023	\$ 10
	" X "	36	IDG10/6-BTWH-X	10873028	\$ 10
	" Y "	36	IDG10/6-BTWH-Y	10873029	\$ 10
	" Z "	36	IDG10/6-BTWH-Z	10883457	\$ 10
	"A...Z.A...X"	36	IDG10/6-BTWH-A-Z/A-J	10873745	\$ 10
	" R1 "	36	IDG10/6-BTWH-R1	10873795	\$ 10
	" R2 "	36	IDG10/6-BTWH-R2	10873799	\$ 10
	" R3 "	36	IDG10/6-BTWH-R3	10873802	\$ 10
	" R4 "	36	IDG10/6-BTWH-R4	10873803	\$ 10
	" R5 "	36	IDG10/6-BTWH-R5	10873804	\$ 10
	" R6 "	36	IDG10/6-BTWH-R6	10873806	\$ 10
	" R7 "	36	IDG10/6-BTWH-R7	10873807	\$ 10
	" R8 "	36	IDG10/6-BTWH-R8	10873818	\$ 10
	" R9 "	36	IDG10/6-BTWH-R9	10873821	\$ 10
	" S1 "	36	IDG10/6-BTWH-S1	10874005	\$ 10
	" S2 "	36	IDG10/6-BTWH-S2	10874006	\$ 10
	" S3 "	36	IDG10/6-BTWH-S3	10874007	\$ 10
	" S4 "	36	IDG10/6-BTWH-S4	10874008	\$ 10
	" S5 "	36	IDG10/6-BTWH-S5	10874011	\$ 10
	" S6 "	36	IDG10/6-BTWH-S6	10874012	\$ 10
	" S7 "	36	IDG10/6-BTWH-S7	10874013	\$ 10
	" S8 "	36	IDG10/6-BTWH-S8	10874014	\$ 10
	" S9 "	36	IDG10/6-BTWH-S9	10874048	\$ 10
	" T1 "	36	IDG10/6-BTWH-T1	10874250	\$ 10
	" T2 "	36	IDG10/6-BTWH-T2	10874255	\$ 10
	" T3 "	36	IDG10/6-BTWH-T3	10874309	\$ 10
	" T4 "	36	IDG10/6-BTWH-T4	10874310	\$ 10
	" T5 "	36	IDG10/6-BTWH-T5	10874312	\$ 10
	" T6 "	36	IDG10/6-BTWH-T6	10874315	\$ 10
	" T7 "	36	IDG10/6-BTWH-T7	10874316	\$ 10
	" T8 "	36	IDG10/6-BTWH-T8	10874317	\$ 10
" T9 "	36	IDG10/6-BTWH-T9	10874341	\$ 10	
" U1 "	36	IDG10/6-BTWH-U1	10874498	\$ 10	
" U2 "	36	IDG10/6-BTWH-U2	10874499	\$ 10	
" U3 "	36	IDG10/6-BTWH-U3	10874500	\$ 10	
" U4 "	36	IDG10/6-BTWH-U4	10874501	\$ 10	
" U5 "	36	IDG10/6-BTWH-U5	10874502	\$ 10	
" U6 "	36	IDG10/6-BTWH-U6	10874503	\$ 10	
" U7 "	36	IDG10/6-BTWH-U7	10874504	\$ 10	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/6-BTW printed at the horizontal position	" U8 "	36	IDG10/6-BTWH-U8	10874505	\$ 10
	" U9 "	36	IDG10/6-BTWH-U9	10874506	\$ 10
	" V1 "	36	IDG10/6-BTWH-V1	10874522	\$ 10
	" V2 "	36	IDG10/6-BTWH-V2	10874523	\$ 10
	" V3 "	36	IDG10/6-BTWH-V3	10874524	\$ 10
	" V4 "	36	IDG10/6-BTWH-V4	10874526	\$ 10
	" V5 "	36	IDG10/6-BTWH-V5	10874716	\$ 10
	" V6 "	36	IDG10/6-BTWH-V6	10874717	\$ 10
	" V7 "	36	IDG10/6-BTWH-V7	10874728	\$ 10
	" V8 "	36	IDG10/6-BTWH-V8	10874729	\$ 10
	" V9 "	36	IDG10/6-BTWH-V9	10874730	\$ 10
	" W1 "	36	IDG10/6-BTWH-W1	10875055	\$ 10
	" W2 "	36	IDG10/6-BTWH-W2	10875056	\$ 10
	" W3 "	36	IDG10/6-BTWH-W3	10875059	\$ 10
	" W4 "	36	IDG10/6-BTWH-W4	10875060	\$ 10
	" W5 "	36	IDG10/6-BTWH-W5	10875061	\$ 10
	" W6 "	36	IDG10/6-BTWH-W6	10875063	\$ 10
	" W7 "	36	IDG10/6-BTWH-W7	10875064	\$ 10
	" W8 "	36	IDG10/6-BTWH-W8	10875066	\$ 10
	" W9 "	36	IDG10/6-BTWH-W9	10875088	\$ 10
	" 0 "	36	IDG10/6-BTWH-0	10795997	\$ 10
	" 1 "	36	IDG10/6-BTWH-1	10795999	\$ 10
	" 2 "	36	IDG10/6-BTWH-2	10796004	\$ 10
	" 3 "	36	IDG10/6-BTWH-3	10796008	\$ 10
	" 4 "	36	IDG10/6-BTWH-4	10796012	\$ 10
	" 5 "	36	IDG10/6-BTWH-5	10796014	\$ 10
	" 6 "	36	IDG10/6-BTWH-6	10796016	\$ 10
	" 7 "	36	IDG10/6-BTWH-7	10796019	\$ 10
	" 8 "	36	IDG10/6-BTWH-8	10796027	\$ 10
	" 9 "	36	IDG10/6-BTWH-9	10796041	\$ 10
	" 10 "	36	IDG10/6-BTWH-10	10796042	\$ 10
	1-18	36	IDG10/6-BTWH-1-18	10796043	\$ 10
	19-36	36	IDG10/6-BTWH-19-36	10796044	\$ 10
	1-36	36	IDG10/6-BTWH-1-36	10796045	\$ 10
	37-72	36	IDG10/6-BTWH-37-72	10796046	\$ 10
	73-108	36	IDG10/6-BTWH-73-108	10796047	\$ 10
	" R "	36	IDG10/6-BTWH-R	10796051	\$ 10
	" S "	36	IDG10/6-BTWH-S	10796054	\$ 10
	" T "	36	IDG10/6-BTWH-T	10796056	\$ 10
	" U "	36	IDG10/6-BTWH-U	10796068	\$ 10
	" V "	36	IDG10/6-BTWH-V	10796070	\$ 10
	" W "	36	IDG10/6-BTWH-W	10796072	\$ 10
	" + "	36	IDG10/6-BTWH-+	10796073	\$ 10
	" - "	36	IDG10/6-BTWH- -	10796076	\$ 10
		36	IDG10/6-BTWH-TERRA	10796090	\$ 10
109-144	36	IDG10/6-BTWH-109-144	11071641	\$ 10	
145-180	36	IDG10/6-BTWH-145-180	11071642	\$ 10	
181-216	36	IDG10/6-BTWH-181-216	11071576	\$ 10	
217-252	36	IDG10/6-BTWH-217-252	11071588	\$ 10	
253-288	36	IDG10/6-BTWH-253-288	11071591	\$ 10	
289-324	36	IDG10/6-BTWH-289-324	11071593	\$ 10	
325-360	36	IDG10/6-BTWH-325-360	11071540	\$ 10	
361-396	36	IDG10/6-BTWH-361-396	11071541	\$ 10	
397-432	36	IDG10/6-BTWH-397-432	11071542	\$ 10	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack (un.)	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/6-BTW printed at the vertical position	" A "	36	IDG10/6-BTW-A	11337949	\$ 10
	" B "	36	IDG10/6-BTW-B	11337971	\$ 10
	" C "	36	IDG10/6-BTW-C	11337974	\$ 10
	" D "	36	IDG10/6-BTW-D	11337975	\$ 10
	" E "	36	IDG10/6-BTW-E	11337988	\$ 10
	" F "	36	IDG10/6-BTW-F	11328979	\$ 10
	" G "	36	IDG10/6-BTW-G	11328981	\$ 10
	" H "	36	IDG10/6-BTW-H	11337990	\$ 10
	" I "	36	IDG10/6-BTW-I	11337991	\$ 10
	" J "	36	IDG10/6-BTW-J	11337992	\$ 10
	" K "	36	IDG10/6-BTW-K	11337993	\$ 10
	" L "	36	IDG10/6-BTW-L	11337995	\$ 10
	" M "	36	IDG10/6-BTW-M	11337996	\$ 10
	" N "	36	IDG10/6-BTW-N	11337997	\$ 10
	" O "	36	IDG10/6-BTW-O	11337999	\$ 10
	" P "	36	IDG10/6-BTW-P	11338001	\$ 10
	" Q "	36	IDG10/6-BTW-Q	11338002	\$ 10
	" X "	36	IDG10/6-BTW-X	11338003	\$ 10
	" Y "	36	IDG10/6-BTW-Y	11338004	\$ 10
	" Z "	36	IDG10/6-BTW-Z	11338005	\$ 10
	"A...Z. A...X"	36	IDG10/6-BTW-A-Z/A-J	11338006	\$ 10
	" R1 "	36	IDG10/6-BTW-R1	11338007	\$ 10
	" R2 "	36	IDG10/6-BTW-R2	11338029	\$ 10
	" R3 "	36	IDG10/6-BTW-R3	11338030	\$ 10
	" R4 "	36	IDG10/6-BTW-R4	11338031	\$ 10
	" R5 "	36	IDG10/6-BTW-R5	11338033	\$ 10
	" R6 "	36	IDG10/6-BTW-R6	11338034	\$ 10
	" R7 "	36	IDG10/6-BTW-R7	11338035	\$ 10
	" R8 "	36	IDG10/6-BTW-R8	11338036	\$ 10
	" R9 "	36	IDG10/6-BTW-R9	11338037	\$ 10
	" S1 "	36	IDG10/6-BTW-S1	11338056	\$ 10
	" S2 "	36	IDG10/6-BTW-S2	11338113	\$ 10
	" S3 "	36	IDG10/6-BTW-S3	11338114	\$ 10
	" S4 "	36	IDG10/6-BTW-S4	11338117	\$ 10
	" S5 "	36	IDG10/6-BTW-S5	11338148	\$ 10
	" S6 "	36	IDG10/6-BTW-S6	11338151	\$ 10
	" S7 "	36	IDG10/6-BTW-S7	11338153	\$ 10
	" S8 "	36	IDG10/6-BTW-S8	11338155	\$ 10
	" S9 "	36	IDG10/6-BTW-S9	11338157	\$ 10
	" T1 "	36	IDG10/6-BTW-T1	11338159	\$ 10
	" T2 "	36	IDG10/6-BTW-T2	11338161	\$ 10
	" T3 "	36	IDG10/6-BTW-T3	11338163	\$ 10
	" T4 "	36	IDG10/6-BTW-T4	11338166	\$ 10
	" T5 "	36	IDG10/6-BTW-T5	11338167	\$ 10
	" T6 "	36	IDG10/6-BTW-T6	11338178	\$ 10
	" T7 "	36	IDG10/6-BTW-T7	11338180	\$ 10
	" T8 "	36	IDG10/6-BTW-T8	11338182	\$ 10
" T9 "	36	IDG10/6-BTW-T9	11338183	\$ 10	
" U1 "	36	IDG10/6-BTW-U1	11338185	\$ 10	
" U2 "	36	IDG10/6-BTW-U2	11338186	\$ 10	
" U3 "	36	IDG10/6-BTW-U3	11338187	\$ 10	
" U4 "	36	IDG10/6-BTW-U4	11338190	\$ 10	
" U5 "	36	IDG10/6-BTW-U5	11338191	\$ 10	
" U6 "	36	IDG10/6-BTW-U6	11338193	\$ 10	
" U7 "	36	IDG10/6-BTW-U7	11338195	\$ 10	

# Terminal Blocks

## General Accessories for Terminal Blocks

Tag type	Inscription	Labels per pack	Part Number	Material Number	List price (pack)
Pack of tags type IDG10/6-BTW printed at the vertical position	" U8 "	36	IDG10/6-BTW-U8	11338208	\$ 10
	" U9 "	36	IDG10/6-BTW-U9	11338210	\$ 10
	" V1 "	36	IDG10/6-BTW-V1	11338243	\$ 10
	" V2 "	36	IDG10/6-BTW-V2	11338244	\$ 10
	" V3 "	36	IDG10/6-BTW-V3	11338247	\$ 10
	" V4 "	36	IDG10/6-BTW-V4	11338250	\$ 10
	" V5 "	36	IDG10/6-BTW-V5	11338251	\$ 10
	" V6 "	36	IDG10/6-BTW-V6	11338255	\$ 10
	" V7 "	36	IDG10/6-BTW-V7	11338257	\$ 10
	" V8 "	36	IDG10/6-BTW-V8	11338270	\$ 10
	" V9 "	36	IDG10/6-BTW-V9	11338272	\$ 10
	" W1 "	36	IDG10/6-BTW-W1	11338273	\$ 10
	" W2 "	36	IDG10/6-BTW-W2	11338276	\$ 10
	" W3 "	36	IDG10/6-BTW-W3	11338277	\$ 10
	" W4 "	36	IDG10/6-BTW-W4	11338278	\$ 10
	" W5 "	36	IDG10/6-BTW-W5	11338280	\$ 10
	" W6 "	36	IDG10/6-BTW-W6	11338281	\$ 10
	" W7 "	36	IDG10/6-BTW-W7	11338284	\$ 10
	" W8 "	36	IDG10/6-BTW-W8	11338285	\$ 10
	" W9 "	36	IDG10/6-BTW-W9	11338286	\$ 10
	" 0 "	36	IDG10/6-BTW-0	11338319	\$ 10
	" 1 "	36	IDG10/6-BTW-1	11338321	\$ 10
	" 2 "	36	IDG10/6-BTW-2	11338322	\$ 10
	" 3 "	36	IDG10/6-BTW-3	11338332	\$ 10
	" 4 "	36	IDG10/6-BTW-4	11338335	\$ 10
	" 5 "	36	IDG10/6-BTW-5	11338337	\$ 10
	" 6 "	36	IDG10/6-BTW-6	11338338	\$ 10
	" 7 "	36	IDG10/6-BTW-7	11338339	\$ 10
	" 8 "	36	IDG10/6-BTW-8	11338340	\$ 10
	" 9 "	36	IDG10/6-BTW-9	11338342	\$ 10
	" 10 "	36	IDG10/6-BTW-10	11338344	\$ 10
	1-18	36	IDG10/6-BTW-1-18	11338347	\$ 10
	19-36	36	IDG10/6-BTW-19-36	11338370	\$ 10
	1-36	36	IDG10/6-BTW-1-36	11338372	\$ 10
	37-72	36	IDG10/6-BTW-37-72	11338374	\$ 10
	73-108	36	IDG10/6-BTW-73-108	11338375	\$ 10
	" R "	36	IDG10/6-BTW-R	11338376	\$ 10
	" S "	36	IDG10/6-BTW-S	11338379	\$ 10
	" T "	36	IDG10/6-BTW-T	11338380	\$ 10
	" U "	36	IDG10/6-BTW-U	11338381	\$ 10
	" V "	36	IDG10/6-BTW-V	11338382	\$ 10
	" W "	36	IDG10/6-BTW-W	11338383	\$ 10
	" + "	36	IDG10/6-BTW-+	11338384	\$ 10
	" - "	36	IDG10/6-BTW--	11338385	\$ 10
		36	IDG10/6-BTW-TERRA	11338410	\$ 10
	109-144	36	IDG10/6-BTW-109-144	11338411	\$ 10
	145-180	36	IDG10/6-BTW-145-180	11338412	\$ 10
	181-216	36	IDG10/6-BTW-181-216	11338414	\$ 10
217-252	36	IDG10/6-BTW-217-252	11338416	\$ 10	
253-288	36	IDG10/6-BTW-253-288	11338418	\$ 10	
289-324	36	IDG10/6-BTW-289-324	11338419	\$ 10	
325-360	36	IDG10/6-BTW-325-360	11338422	\$ 10	
361-396	36	IDG10/6-BTW-361-396	11338425	\$ 10	
397-432	36	IDG10/6-BTW-361-396	11071541	\$ 10	





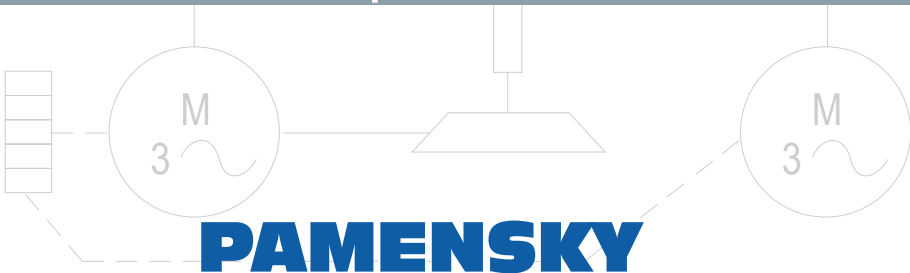
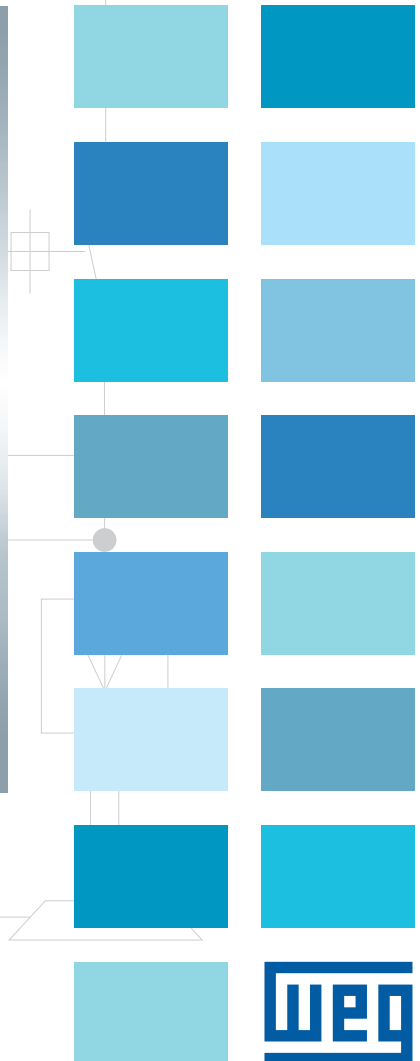
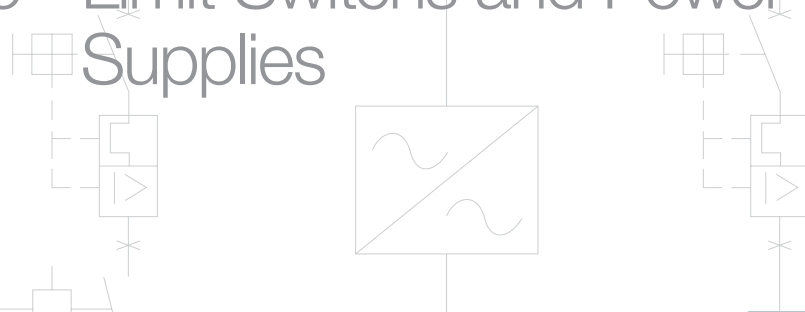






# Automation

## Book 6 - Limit Switches and Power Supplies



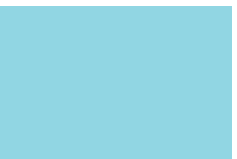
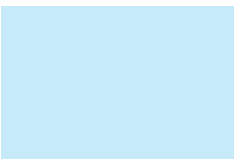
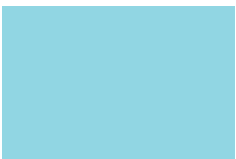


# Summary

LSW - Limit Switches Plastic Body ..... 6-4

Auxiliary Contact Blocks ..... 6-6

Power Supplies ..... 6-7



# Sensors

## LSW - Limit Switches Plastic Body

Image	Operation diagram	Reference	Action of the contacts	Auxiliary contacts	Actuator material	Material Number	List price each
		LSW-PF10-P11	Snap	1NO + 1NC + 1NC	Plastic	15229252	\$44.00
		LSW-PS10-P11	Slow	1NO + 1NC + 1NC	Plastic	15229255	\$44.00
		LSW-PF10-P02	Snap	2NC	Plastic	15438032	\$44.00
		LSW-PF11-P11	Snap	1NO + 1NC + 1NC	Plastic	15229256	\$44.00
		LSW-PS11-P11	Slow	1NO + 1NC + 1NC	Plastic	15229338	\$44.00
		LSW-PF11-P02	Snap	2NC	Plastic	15438034	\$44.00
		LSW-PF12-P11	Snap	1NO + 1NC + 1NC	Plastic	15229340	\$44.00
		LSW-PS12-P11	Slow	1NO + 1NC + 1NC	Plastic	15229343	\$44.00
		LSW-PF12-P02	Snap	2NC	Plastic	15438035	\$44.00
		LSW-PF13-P11	Snap	1NO + 1NC + 1NC	Plastic	15229345	\$47.00
		LSW-PS13-P11	Slow	1NO + 1NC + 1NC	Plastic	15229347	\$47.00
		LSW-PF13-P02	Snap	2NC	Plastic	15438037	\$47.00
		LSW-PF14AP11	Snap	1NO + 1NC + 1NC	Plastic	15229369	\$49.00
		LSW-PS14AP11	Slow	1NO + 1NC + 1NC	Plastic	15229370	\$49.00
		LSW-PF14AP02	Snap	2NC	Plastic	15438079	\$49.00
		LSW-PF14ALP11	Snap	1NO + 1NC + 1NC	Plastic	15229372	\$49.00
		LSW-PS14ALP11	Slow	1NO + 1NC + 1NC	Plastic	15229374	\$49.00
		LSW-PF14ALP02	Snap	2NC	Plastic	15438082	\$49.00
		LSW-PF15-R11	Snap	1NO + 1NC + 1NC	Plastic	15229376	\$56.00
		LSW-PS15-R11	Slow	1NO + 1NC + 1NC	Rubber / Goma	15229377	\$56.00
		LSW-PF15-R02	Snap	2NC	Rubber / Goma	15438108	\$56.00

# Sensors

## LSW - Limit Switches Plastic Body

Image	Operation diagram	Reference	Action of the contacts	Auxiliary contacts	Actuator material	Material Number	List price each
		LSW-PF16AR11	Snap	1NO + 1NC + 1NC	Rubber / Goma	15229409	\$59.00
		LSW-PS16AR11	Slow	1NO + 1NC + 1NC	Rubber / Goma	15229410	\$59.00
		LSW-PF16AR02	Snap	2NC	Rubber / Goma	15438083	\$59.00
		LSW-PF16ALR11	Snap	1NO + 1NC + 1NC	Rubber / Goma	15229411	\$59.00
		LSW-PS16ALR11	Slow	1NO + 1NC + 1NC	Rubber / Goma	15229412	\$59.00
		LSW-PF16ALR02	Snap	2NC	Rubber / Goma	15438085	\$59.00
		LSW-PF18M11	Snap	1NO + 1NC + 1NC	Metal	15229414	\$39.00
		LSW-PS18M11	Slow	1NO + 1NC + 1NC	Metal	15229415	\$39.00
		LSW-PF18M02	Snap	2NC	Metal	15438086	\$39.00
		LSW-PF19P11	Snap	1NO + 1NC + 1NC	Plastic	15229416	\$42.00
		LSW-PS19P11	Slow	1NO + 1NC + 1NC	Plastic	15229417	\$42.00
		LSW-PF19P02	Snap	2NC	Plastic	15392727	\$42.00
		LSW-PF20M11	Snap	1NO + 1NC + 1NC	Metal	15229448	\$43.00
		LSW-PS20M11	Slow	1NO + 1NC + 1NC	Metal	15229449	\$43.00
		LSW-PF20M02	Snap	2NC	Metal	15438110	\$43.00
		LSW-PF21AF11	Snap	1NO + 1NC + 1NC	Fiber / Fibra	15229450	\$51.00
		LSW-PS21AF11	Slow	1NO + 1NC + 1NC	Fiber / Fibra	15229451	\$51.00
		LSW-PF21AF02	Snap	2NC	Fiber / Fibra	15438111	\$51.00
		LSW-PF22AM11	Snap	1NO + 1NC + 1NC	Metal	15229452	\$50.00
		LSW-PS22AM11	Slow	1NO + 1NC + 1NC	Metal	15229454	\$50.00
		LSW-PF22AM02	Snap	2NC	Metal	15438112	\$50.00

1

2

3

4


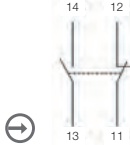



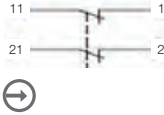

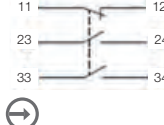


5

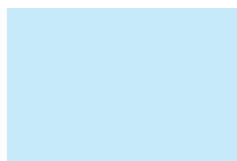
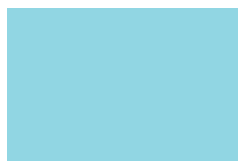
6

7

# Sensors

## Auxiliary Contact Blocks

Image	Reference	Action of the contacts	Auxiliary contacts	Diagram	Material Number	List price each
	LSW-BCF11	Snap	1NO + 1NC + 1NC		15254349	\$25.00
	LSW-BCS11	Slow	1NO + 1NC + 1NC		15254350	\$25.00
	LSW-BCF02	Snap	2NC		15439108	\$25.00
	LSW-BCS12	Slow	2NO + 1NC + 1NC		15254351	\$46.00
	LSW-BCF21	Slow	1NO + 2NC + 2NC		15254352	\$46.00



# Power Supplies

## Switched-Mode Power Supplies 24 V dc

Part Number	Input voltage	Output voltage	Output power	Output rated current	Material Number	List price each
PSS24-W/0,65	100-240 V ac	24 V dc	15 W	0,65 A	13108240	\$167.00
PSS24-W/1,3			30 W	1,3 A	13108202	\$178.00
PSS24-W/2,2			50 W	2,2 A	13108203	\$222.00
PSS24-W/3			70 W	3,0 A	13108241	\$284.00
PSS24-W/5			120 W	5,0 A	13108206	\$347.00
PSS24-W/7,5			180 W	7,5 A	13108242	\$426.00
PSS24-W/10			240 W	10,0 A	13108244	\$533.00

1

2

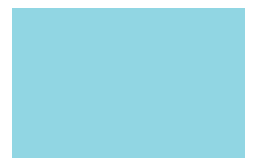
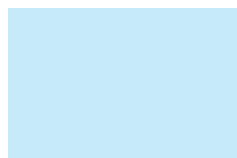
3

4

5

6

7

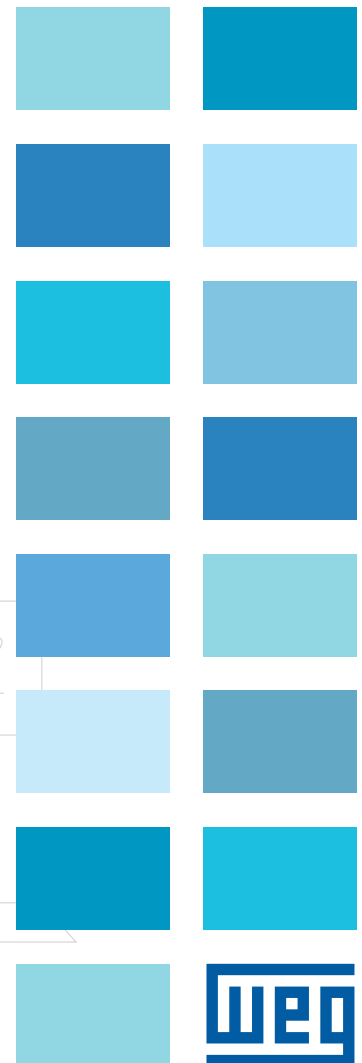






# Automation

## Book 7 - Machine Safety





# Summary

Interlock Safety Switch with Separate Actuator (Without Magnetic Latch).....7-4

Solenoid Interlock with actuator Safety Switch.....7-5

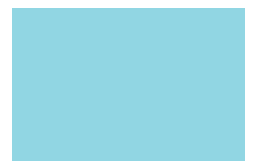
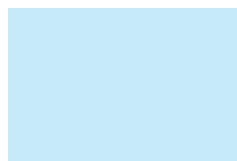
Emergency Safety Rope Switch .....7-6

Safety Programable Controller .....7-7

Safety Relay .....7-8

Panel Door Mounting Switch-Disconnectors and Accessories - MSW.....7-9

Base Mounting Switch-Disconnectors and Accessories - MSW ..... 7-11



# Interlock Safety Switch with Separate Actuator (Without Magnetic Latch)






## CISC - Compact Plastic Safety Switch

Part Number	Contacts		Conduit Output	Frame	Material Number	List price each
	Safety	Auxiliary				
CISC-PP21A	2 NC	1NO	M20	Plastic	12525470	\$ 131
CISC-PP11A	1 NC				12525471	\$ 131

Notes: The actuator is not included. Select an actuator according to the following table.

## Actuators to CISC Switches

Part Number	Actuator description		Material Number	List price each
ACIS-MAP		Angular	12527524	\$ 29
ACIS-MRP		Flat	12527525	\$ 29
ACIS-PFP		Flexible plastic	12527526	\$ 52

Notes: An actuator must always be selected for each CISC switch.








## CIS - Metal or Plastic Safety Switch

Part Number	Contacts		Conduit output	Frame	Material Number	List price each
	Safety	Auxiliary				
CIS-MM21A	2 NC	1 NO	M20	Metalic	12525472	\$ 268
CIS-PP21A				Plastic	12525473	\$ 175

Notes: The actuator is not included. Select an actuator according to the following table.

## Actuators to CIS Switches

Part Number	Actuator type		Switch model		Material Number	List price each
			CIS-P	CIS-M		
ACIS-MSP		Standard	X	-	12527527	\$ 29
ACIS-MSM		Standard	-	X	12527548	\$ 29
ACIS-MRL		Flat	X	X	12527549	\$ 29
ACIS-PFL		Flexible plastic	X	X	12527550	\$ 52
ACIS-MHL		Fully flexible	X	X	12527551	\$ 102

Notes: The actuator is not included. Select an actuator according to the following table.

# Solenoid Interlock with Actuator Safety Switch






## CISS - Metal or Plastic Frame

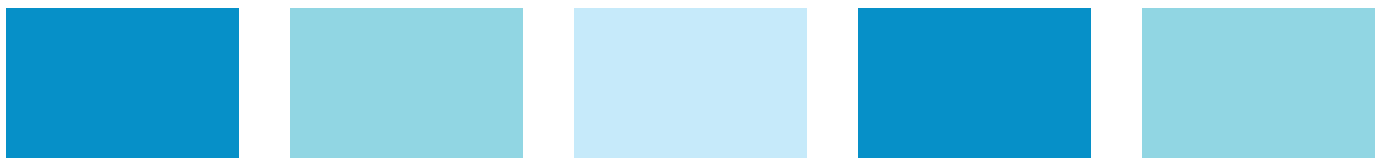
Part Number	Contacts		Conduit output	Head	Frame	Material Number	List price each
	Safety	Auxiliary					
CISS-PI22AE26	2NC	2NO	M20	Stainless steel	Plastic	12525474	\$ 734
CISS-MM42AE26	4NC	2NO		Metalic	Metalic	12610823	\$ 859

Notes: The actuator is not included. Select an actuator according to the following table.

## Actuators to CISS Switches

Part Number	Actuator type		Switch model		Material Number	List price each
			CISS-P	CISS-M		
ACIS-MSM		Standard	X	X	12527548	\$ 29
ACIS-MRL		Flat	X	X	12527549	\$ 29
ACIS-MHL		Fully flexible	X	X	12527551	\$ 102

Notes: An actuator must always be selected for each CISS switch.



# Emergency Safety Rope Switch



## CEC - Metallic Emergency Safety Rope Switch

Part Number	Cable length <sup>1)</sup>	Supply voltage	Contacts		Frame	LED	Duct	Material Number	List price each
			Safety	Auxiliary					
CEC-ME31A	Up to 80m	24 V cc	3NC	1NO	Metalic	-	M20	12532825	\$ 568
CEC-ME22A			2NC	2NO				12532826	\$ 568
CEC-ML31AE26			3NC	1NO		12532938		\$ 641	
CEC-ML22AE26			2NC	2NO		12532939		\$ 641	

Notes: 1) Cable not included. Select an installation kit according to the following table.

## Instalation Kit to CEC Switchs

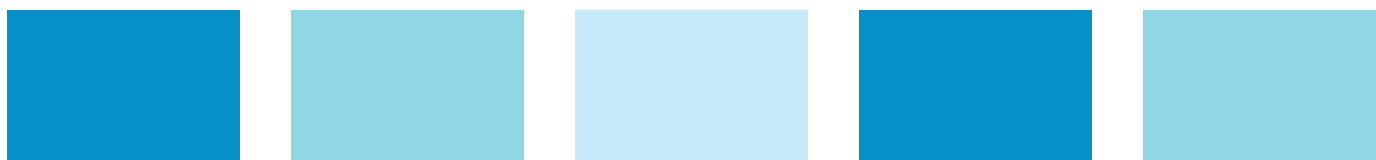
Part Number	Description	Material Number	List price each	
ACEC-K5G		Installation kit 5 m	13364849	\$ 97
ACEC-K10G		Installation kit 10 m	13364851	\$ 117
ACEC-K15G		Installation kit 15 m	13364852	\$ 140
ACEC-K20G		Installation kit 20 m	13364853	\$ 161
ACEC-K30G		Installation kit 30 m	13364854	\$ 201
ACEC-K50G		Installation kit 50 m	13364855	\$ 283
ACEC-K80G		Installation kit 80 m	13287607	\$ 422

Notes: Each kit consists of a tensioner, galvanized screws and Allen tolls, necessary for the installation of the CEC switch (as the cable with the select length).

## Accessories

Part Number	Description	Material Number	List price each	
ACEC-TG		Galvanized cable tensioner	12535139	\$ 131
ACEC-PG		Galvanized cable tensioner	12535140	\$ 73
ACEC-EG		Galvanized screws (package with 8 units)	12535141	\$ 59
ACEC-LME26		Replacement LED (green / flashing / red in 24V)	12535142	\$ 117
ACEC-SI		Stainless steel safety spring	12535143	\$ 117
ACEC-B		Emergency button (replacement)	12535144	\$ 117

Notes: These accessories are used for replacement or as a complement to the solution.



# Safety Programmable Controller

## Mainframes

Part Number	Description	Material Number	List price each
CPSW - MC20/6C03	Main module, 24 V dc (-15%/+10%) power supply, with 8 safety digital/analog inputs, 8 safety digital inputs (four of these inputs can be used for monitoring speed sensor 24 V dc), 4 safety transistor digital inputs/outputs, 6 safety transistor digital outputs, USB port.	13806259	\$ 3,725
CPSW - MC20/12C03	Main module, 24 V dc (-15%/+10%) power supply, with 8 safety digital/analog inputs, 8 safety digital inputs (four of these inputs can be used for monitoring speed sensor 24 V dc), 4 safety transistor digital inputs/outputs, 2 speed monitoring inputs, 6 safety transistor digital outputs, 6 relay digital outputs with safety contacts, USB port.	13806023	\$ 7,420



## Speed Monitoring Module

Part Number	Description	Material Number	List price each
CPSW - MV10/7	Speed monitoring module with two reading inputs (encoder / sensor) for speeds up to 500 kHz. 8 digital safety inputs, 2 digital outputs / pulse transistor, 5 digital transistor safety outputs.	13806024	\$ 3,812



## Expansion Unit of Inputs and Outputs I/O

Part Number	Description	Material Number	List price each
CPSW - I08/7	Expansion unit with 8 digital safety inputs and 7 transistor safety digital outputs.	13806022	\$ 3,230
CPSW - I012/4	Expansion unit with 12 digital safety inputs and 4 safety digital inputs / outputs.	13806025	\$ 2,561
CPSW - I08/2	Expansion unit with 8 digital safety inputs and 2 relay safety digital outputs.	13806266	\$ 3,172



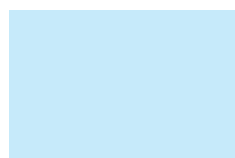
## Communication Modules

Part Number	Description	Material Number	List price each
CPSW - MR8/ODPV1	Profibus-DP network communication module and 8 digital security inputs.	13806371	\$ 4,074
CPSW - MR8/OPNET	PROFINET network communication module and 8 digital security inputs.	13806267	\$ 4,074
CPSW - MR8/OCAN	CANopen network communication module and 8 digital security inputs.	13806370	\$ 4,074
CPSW - MR8/OECAT	EtherCAT network communication module and 8 digital security inputs.	13806369	\$ 4,074
CPSW - MR8/OMBUS	ModBus/RTU network communication module and 8 digital security inputs.	13980284	\$ 4,074
CPSW - MR8/OENET	Ethernet/IP network communication module and 8 digital security inputs.	13980285	\$ 4,074



## Accessories - Cables

Part Number	Description	Material Number	List price each
CPSW - AC/15/8	Cable (2.5 m long and type DB15-RJ45 connector) for connecting the sensor to the speed monitoring module.	13808709	\$ 548
CPSW - AC/25/8	Cable (2.5 m long and type DB25-RJ45 connector) for the connection of the sensor to the speed monitoring module.	13807108	\$ 600
CPSW - AC/45/T	Cable (2.5 m long and connector type RJ45-free tip) for the connection of incremental or sinusoidal encoder / 5 V DC output (TTL).	13861639	\$ 373
CPSW - AC/45/H	Cable (2.5 m long and connector type RJ45-free tip) for the incremental encoder connection / 24 V DC output.	13861597	\$ 1,135
CPSW - AC/45/H/10	Cable (10.0 m long and connector type RJ45-free tip) for the connection of incremental encoder / 24 V DC output.	13863164	\$ 1,150



## Safety Relay

### PSRW - Programable Safety Relay

Part Number	Supply voltage	Reset	Inputs	Inputs	Width (mm)	Material Number	List price each
PSRW	24 V dc	Manual or Automatic Supervised	4 double channel	2 double channel	22,5	14202485	\$ 949



### CS - Safety Relay for Control of Simultaneity in Bimanual Control Systems

Part Number	Supply voltage	Safety contacts	Width (mm)	Material Number	List price each
CS-D201	24 V dc	2NA + 1 NC	22,5	12424659	\$ 306

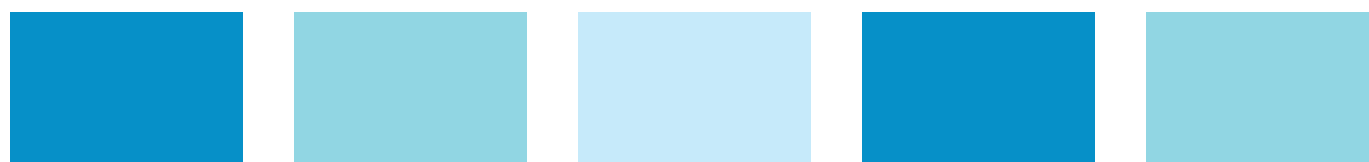


### CP - Safety Relay for Emergency Stop Control

Part Number	Supply voltage	Safety contacts	Auxiliary contacts	Width (mm)	Reset	Material Number	List price each
CP-D	24 V dc	3 NA	1 NC	22,5	Manual	12381113	\$ 274
CPA-D					Automático	12381149	\$ 315



Notes: Safety relay for Emergency stop control must be used with other collective protection equipment.  
Example: with safety light curtains, safe inductive sensor, safety pad, etc.





# Panel Door Mounting Switch-Disconnectors and Accessories - MSW

## Standard Configuration



### Switch-Disconnectors with Red-Yellow Handle

Part Number	$I_n$ (A)	$I_e$ 690 V (A)			Poles	Material Number	List price each
		AC21	AC22	AC23			
MSW 12 P-2 H	16	12	12	10	2	12258395	\$ 56
MSW 12 P-3 H	16	12	12	10	3	12258388	\$ 70
MSW 16 P-2 H	20	16	16	14	2	12258397	\$ 59
MSW 16 P-3 H	20	16	16	14	3	12258389	\$ 76
MSW 20 P-2 H	25	20	20	16	2	12258438	\$ 65
MSW 20 P-3 H	25	20	20	16	3	12258390	\$ 79
MSW 25 P3 N-H	32	32	25	16	3	15481462	\$ 80
MSW 40 P3 N-H	40	40	32	20	3	15481464	\$ 86
MSW 63 P-3 H	63	63	63	26	3	11898922	\$ 138
MSW 80 P-3 H	80	80	80	32	3	11898923	\$ 149
MSW 100 P-3 H	100	100	86	38	3	11898945	\$ 185

## Switch-Disconnectors and Accessories



### Switch-Disconnectors without Handle

Part Number	$I_n$ (A)	$I_e$ 690 V (A)			Poles	Material Number	List price each
		AC21	AC22	AC23			
MSW 12 P-2	16	12	12	10	2	12258391	\$ 30
MSW 12 P-3	16	12	12	10	3	12258305	\$ 45
MSW 16 P-2	20	16	16	14	2	12258392	\$ 33
MSW 16 P-3	20	16	16	14	3	12258306	\$ 51
MSW 20 P-2	25	20	20	16	2	12258394	\$ 39
MSW 20 P-3	25	20	20	16	3	12258307	\$ 54
MSW 25 P3 N	32	32	25	16	3	15481467	\$ 53
MSW 40 P3 N	40	40	32	20	3	15481528	\$ 59
MSW 63 P-3	63	63	63	26	3	11898884	\$ 111
MSW 80 P-3	80	80	80	32	3	11898885	\$ 122
MSW 100 P-3	100	100	86	38	3	11898887	\$ 158



### Rotary Handle

Part Number	Switch-disconnector	Colour	Material Number	List price each
MSW H 20 P	MSW12/MSW16/MSW20	Red-yellow	12258462	\$ 30
MSW H 40-P-N-R	MSW25/MSW40		15481531	\$ 38
MSW H 100 P	MSW63/MSW80/MSW100		11899509	\$ 28
MSW H 20-P-B	MSW12/MSW16/MSW20	Black-gray	12746820	\$ 28
MSW H 40-P-N-B	MSW25/MSW40		15481530	\$ 38
MSW H 100-P-B	MSW63/MSW80/MSW100		12746825	\$ 28

# Panel Door Mounting Switch-Disconnectors and Accessories - MSW

## Switch-Disconnectors and Accessories

### Neutral Pole

Part Number	Switch-disconnector	Contact	Material Number	List price each
MSW AP 25-P-1 NA	MSW25	NO early make	12727286	\$ 36
MSW AP 40-P-1 NA	MSW40		12727287	\$ 36
MSW AP 63-P-1 NA	MSW63		12727300	\$ 42
MSW AP 80-P-1 NA	MSW80		12727301	\$ 42



### Auxiliary Contact

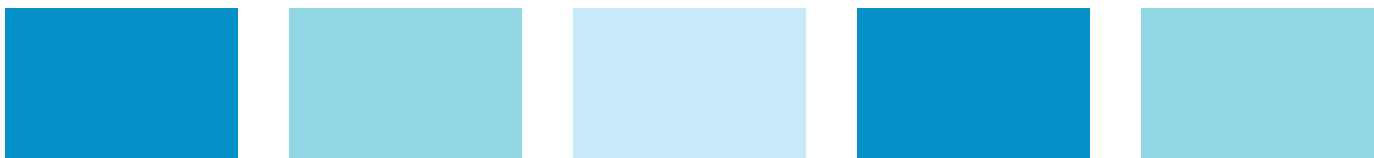
Part Number	Switch-disconnector	Contact	Material Number	List price each
MSW AC-40 P 1NC	MSW25/MSW40	1NC	11899468	\$ 33
MSW AC-40 P 1NO		1NO	11899469	\$ 33
MSW AC-80 P 1NC	MSW63/MSW80	1NC	11899472	\$ 33
MSW AC-80 P 1NO		1NO	11899476	\$ 33



### Terminal Cover

Part Number	Switch-disconnector	Poles	Material Number	List price each
MSW TS-40 P	MSW25/MSW40	3	11899502	\$ 13
MSW TS 40-B/P-1		1	13164767	\$ 6
MSW TS-80 B/P	MSW63/MSW80	3	11899504	\$ 26
MSW TS 80-B/P-1		1	13164788	\$ 11
MSW TS-100 P	MSW100	3	11899505	\$ 26

Note: Necessary 2x MSW TS-100P for cover 3 poles.



# Base Mounting Switch-Disconnectors and Accessories - MSW

## Standard Configuration



### Switch-Disconnectors with Red-Yellow Handle + Shaft

Part Number	I <sub>in</sub> (A)	I <sub>e</sub> 690 V (A)			Poles	Shaft (mm)	Material Number	List price each
		AC21	AC22	AC23				
MSW 12 B-2 H	16	12	12	10	2	85	12258459	\$ 65
MSW 12 B-3 H	16	12	12	10	3	85	12258443	\$ 79
MSW 16 B-2 H	20	16	16	14	2	85	12258460	\$ 70
MSW 16 B-3 H	20	16	16	14	3	85	12258444	\$ 85
MSW 20 B-2 H	25	20	20	16	2	85	12258461	\$ 76
MSW 20 B-3 H	25	20	20	16	3	85	12258445	\$ 88
MSW 25 B-3 H	32	32	25	16	3	85	11898938	\$ 94
MSW 40 B-3 H	40	40	32	20	3	85	11898925	\$ 100
MSW 63 B-3 H	63	63	63	26	3	85	11898942	\$ 152
MSW 80 B-3 H	80	80	80	32	3	85	11898941	\$ 163
MSW 125 B-3 H	125	125	125	80	3	300	11898943	\$ 344
MSW 160 B-3 H	160	160	160	100	3	300	11898944	\$ 472

## Switch-Disconnectors and Accessories



### Switch-Disconnectors without Handle

Part Number	I <sub>in</sub> (A)	I <sub>e</sub> 690 V (A)			Poles	Material Number	List price each
		AC21	AC22	AC23			
MSW 12 B-2	16	12	12	10	2	12258446	\$ 39
MSW 12 B-3	16	12	12	10	3	12258440	\$ 50
MSW 16 B-2	20	16	16	14	2	12258447	\$ 45
MSW 16 B-3	20	16	16	14	3	12258441	\$ 53
MSW 20 B-2	25	20	20	16	2	12258458	\$ 45
MSW 20 B-3	25	20	20	16	3	12258442	\$ 56
MSW 25 B-3	32	32	25	16	3	11898940	\$ 53
MSW 40 B-3	40	40	32	20	3	11898946	\$ 59
MSW 63 B-3	63	63	63	26	3	11898924	\$ 111
MSW 80 B-3	80	80	80	32	3	11898926	\$ 122
MSW 125 B-3	125	125	125	80	3	11898939	\$ 279
MSW 160 B-3	160	160	160	100	3	11898927	\$ 425



### Rotary Handle + Shaft

Part Number	Switch-disconnector	Colour	Shaft (mm)	Material Number	List price each
MSW H 20 B	MSW12/MSW16/MSW20	Red-yellow	85	12258463	\$ 30
MSW H 40 B	MSW25/MSW40		85	11899512	\$ 42
MSW H 80 B	MSW63/MSW80		85	11966588	\$ 42
MSW H 160 B	MSW125/MSW160		300	11899515	\$ 65
MSW H 20-B-B	MSW12/MSW16/MSW20	Black-gray	85	12746821	\$ 42
MSW H 40-B-B	MSW25/MSW40		85	12746823	\$ 42
MSW H 80-B-B	MSW63/MSW80		85	12746824	\$ 42
MSW H 160-B-B	MSW125/MSW160		300	12746826	\$ 65

# Base Mounting Switch-Disconnectors and Accessories - MSW

## Switch-Disconnectors and Accessories

### Shaft

Part Number	Switch-disconnector	Length (mm)	Material Number	List price each
MSW HS 185-40	MSW25/MSW40	185	12030688	\$ 10
MSW HS 300-40	MSW25/MSW40	300	12030689	\$ 15
MSW HS 185-160	MSW63/MSW80/MSW125/ MSW160	185	12030690	\$ 19
MSW HS 300-160	MSW63/MSW80/MSW125/ MSW160	300	12030691	\$ 25



### Neutral Pole

Part Number	Switch-disconnector	Contact	Material Number	List price each
MSW AP 25-B-1 NA	MSW25	NO early make	12727284	\$ 36
MSW AP 40-B-1 NA	MSW40		12727285	\$ 36
MSW AP 63-B-1 NA	MSW63		12727298	\$ 42
MSW AP 80-B-1 NA	MSW80		12727299	\$ 42
MSW AP 160-B-1 NA	MSW125/MSW160		13052847	\$ 53

### Auxiliary Contact

Part Number	Switch-disconnector	Contact	Material Number	List price each
MSW AC-40 B 1NC	MSW25/MSW40	1NC	11899456	\$ 33
MSW AC-40 B 1NO		1NO	11899457	\$ 33
MSW AC-80 B 1NC	MSW63/MSW80	1NC	11899470	\$ 33
MSW AC-80 B 1NO		1NO	11899471	\$ 33
MSW AC-160 B 1NC	MSW125/MSW160	1NC	13233893	\$ 66
MSW AC-160 B 1NO		1NO	13233894	\$ 66



### Terminal Cover

Part Number	Switch-disconnector	Poles	Material Number	List price each
MSW TS-40 B	MSW25/MSW40	3	11899501	\$ 13
MSW TS 40-B/P-1		1	13164767	\$ 6
MSW TS-80 B/P	MSW63/MSW80	3	11899504	\$ 26
MSW TS 80-B/P-1		1	13164788	\$ 11
MSW TS-160 B	MSW125/MSW160	3	13164789	\$ 33
MSW TS 160-B-1		1	13164790	\$ 14



### Handle Locking Ring Tool

Part Number	Switch-disconnector	Material Number	List price each
MSW FK	MSW25/MSW40/MSW63/MSW80/MSW100	12187331	\$ 15



# Base Mounting Switch-Disconnectors and Accessories - MSW

## MSWD - Direct Command Switch



Part Number	$I_{th}$ (A)	$I_e$ 690 V (A)			Poles	Handle colour	Material Number	List price each
		AC21	AC22	AC23				
MSWD 12 B3 HB	16	12	12	10	3	Black	12736260	\$ 73
MSWD 16 B3 HB	20	16	16	14	3	Black	12736261	\$ 76
MSWD 20 B3 HB	25	20	20	16	3	Black	12736262	\$ 79
MSWD 25 B3 HB	32	32	25	16	3	Black	12736263	\$ 82
MSWD 40 B3 HB	40	40	32	20	3	Black	12736264	\$ 85
MSWD 63 B3 HB	63	63	63	26	3	Black	12736265	\$ 213
MSWD 80 B3 HB	80	80	80	32	3	Black	12736266	\$ 225

Note: The neutral pole and auxiliary contacts accessories are the same ones applied to the standard base mounting MSW model.

## MSWR - Change-over Switch



Part Number	$I_{th}$ (A)	$I_e$ 690 V (A)			Poles	Handle colour	Material Number	List price each
		AC21	AC22	AC23				
MSWR 25 B3 H	25	32	25	16	3	Red	12686300	\$ 239
MSWR 40 B3 H	40	40	32	20	3	Red	12686301	\$ 262
MSWR 63 B3 H	63	63	63	26	3	Red	12686302	\$ 495
MSWR 80 B3 H	80	80	80	32	3	Red	12686303	\$ 510
MSWR 125 B3 H	125	125	125	80	3	Red	12686305	\$ 670
MSWR 160 B3 H	160	160	160	100	3	Red	12484706	\$ 728

Note: The neutral pole and auxiliary contacts accessories are the same ones applied to the standard base mounting MSW model.

## MSWB - IP 65 Switch-Disconnectors<sup>1)</sup>



Part Number	$I_{th}$ (A)	$I_e$ 690 V (A)			Poles	Handle colour	Material Number	List price each
		AC21	AC22	AC23				
MSWB 25 B3 H	25	32	25	25	3	Red	14891129	\$ 108
MSWB 40 B3 H	40	40	32	32	3	Red	14891131	\$ 134
MSWB 63 B3 H	63	63	63	50	3	Red	14891132	\$ 230
MSWB 80 B3 H	80	80	80	75	3	Red	14891133	\$ 254
MSWB 25 B3 HB	25	25	32	25	3	Black-gray	14906720	\$ 108
MSWB 40 B3 HB	40	40	40	32	3	Black-gray	14906721	\$ 134
MSWB 63 B3 HB	63	63	63	50	3	Black-gray	14906722	\$ 230
MSWB 80 B3 HB	80	80	80	75	3	Black-gray	14906723	\$ 254

Note: 1) The neutral pole and auxiliary contacts accessories are the same ones applied to the standard base mounting MSW model.

# WEG Canada/V.J. Pamensky Operations

## ONTARIO

64 Samor Road  
Toronto, ON. M6A 1J6  
Phone: 416-371-4617  
Toll Free: 1-877-PAMENSKY (726-3675)  
[info@pamensky.com](mailto:info@pamensky.com)

## QUEBEC/MARITIMES

189 Brunswick Blvd.  
Pointe Claire, QC. H9R 5N2  
Phone: 514-444-5950  
Toll Free: 1-877-PAMENSKY (726-3675)  
[info@pamensky.com](mailto:info@pamensky.com)

## MANITOBA/SASKATCHEWAN

10 Hutchings St.  
Winnipeg, MB. R2X 2X1  
Phone: 204-633-1438  
Toll Free: 1-877-PAMENSKY (726-3675)  
[info@pamensky.com](mailto:info@pamensky.com)

## ALBERTA

3645-48 Avenue SE  
Calgary, AB. T2B 3N8  
Phone: 403-240-0629  
Toll Free: 1-877-PAMENSKY (726-3675)  
[info@pamensky.com](mailto:info@pamensky.com)

21330-115 Avenue NW  
Edmonton, AB. T5S 0K5  
Phone: 780-444-4465  
Toll Free: 1-877-PAMENSKY (726-3675)  
[info@pamensky.com](mailto:info@pamensky.com)

## BRITISH COLUMBIA

34371 Industrial Way  
Abbotsford, BC. V2S 7M6  
Phone: 604-235-2397  
Toll Free: 1-877-PAMENSKY (726-3675)  
[info@pamensky.com](mailto:info@pamensky.com)



64 Samor Road  
Toronto, ON. M6A 1J6  
Toll Free: 1-877-PAMENSKY (726-3675)  
[info@pamensky.com](mailto:info@pamensky.com)  
[www.pamensky.com](http://www.pamensky.com)

