

WEG Automation Catalog

LV Variable Frequency Drives and Soft Starters



**Price List for Automation Products
VJP-Drives-Soft Starter-2026-R0**

Controlled Copy

Issued by:
VJ Pamensky Canada Inc.

This catalog will be periodically updated with new and updated pages.
The current version and update packages can be found on our website www.pamensky.com
or can be requested from V.J. Pamensky Canada Inc.

Approved and Valid from: (year/month/day)
2026-02-01

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) The total length of this warranty is of twelve months from the supply date by WEG or authorized dealer, proven by means of the purchase invoice of the equipment, and limited to twenty four months from the product manufacturing date.
 - (b) Services. WEG warrants Services against defects in workmanship for a period of ninety (90) days from the date of completion of such Services.

(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.

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.

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CFW100 is a Variable Speed Drive suitable for low power range motors. Compact and user-friendly, this drive is designed to attend simple industrial applications and home appliances, such as mixers/agitators, fitness equipment, car wash and swimming pool pumps.



- Certifications:



CFW100

Mini Variable Speed Drive

Technical data:

- Single phase power supply.
- Voltage range: 110-127Vac and 200-240Vac single-phase.
- Current / Power range: up to 7.3 Amps / 1,5kW (2HP)
- Control mode: scalar (V/Hz) or voltage vector VVW.
- Switching frequency: 2.5 to 15kHz.
- Overload capacity: 150% for 60sec every 10min.
- Degree of protection: IP20.
- Operating temperature: 0 to 50°C.
- Altitude: 0 to 1000m.
up to 4000m with current derating (1% for every 100m above 1000m).
- Humidity: 5 to 95% non-condensing.
- Built-in HMI supplied as standard.

- I/O connections:

	Std	IOAR	IOADR	IOA	IOD
Digital inputs	4	-	-	-	4
Digital outputs	-	-	-	-	-
Relay outputs	-	1	1	-	-
Analog inputs	-	1	1	1	-
Analog outputs	-	-	-	1	-

- Fieldbus:

RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet	Bluetooth	InfraRed
NA	NA	CFW100-CRS485	NA	NA	NA	NA	CFW100-CCAN	CFW100-CCAN	NA	CFW100-CRS485	Under request	CFW100-IOADR

Accessories:

- USB Communication Module
- Flash Memory
- Remote Keypad
- Wall Mounting Kit
- Footprint RFI Filter
- Potentiometer Module

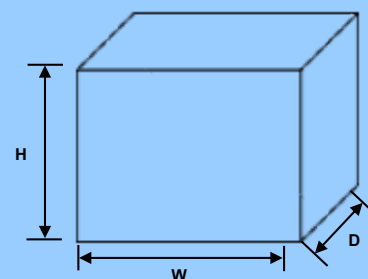
CFW100

Mini Variable Frequency Drive

Product and Series	Frame size	Model Identification			Degree of Protection	Special Hardware	Special Firmware
		Rated current	No. of phases power supply	Rated voltage			
CFW100	A	01P6	S	2	20	-	-
CFW100	A	01P6 = 1.6	S = single-phase				
	B	02P6 = 2.6	1 = 110 ...127V				
	C	04P2 = 4.2	2 = 200...240V				
	D	06P0 = 6	20 = IP20				
		07P3 = 7.3	Blank = standard (no special hardware)				
			Hx = special hardware version X				
			Blank = standard (no special firmware)				
			Sx = special firmware version X				

- Dimensions and weight (without packaging):

Frame size	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lbs)
Without footprint RFI Filter				
A	100 (3.94)	55 (2.17)	129 (5.08)	0.48 (1.06)
B	117 (4.61)	55 (2.17)	129 (5.08)	0.57 (1.26)
C	125.6 (4.94)	55 (2.17)	129 (5.08)	0.61 (1.34)
D	133.5 (5.26)	65.1 (2.56)	129 (5.08)	0.7 (1.54)
With footprint RFI Filter				
A B C	160.5 (6.32)	55 (2.17)	171 (6.73)	-
D	160.5 (6.32)	65.1 (2.56)	171 (6.73)	-



Variable Frequency Drives

CFW100 - Standard - 110~127V & 200~240V

Part Number	Product	Rated Current	Motor ⁽¹⁾	Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		A	HP				
Power Supply 127V - 1AC / Output / Motor - 3AC							
14248219	CFW100 A 01P6 S1 20 G2	1.6	0.33	A	50°C	No	\$497.00
14248224	CFW100 B 02P6 S1 20 G2	2.6	0.5	B	50°C	No	\$553.00
14870193	CFW100 D 04P2 S1 20 G2 ⁽³⁾	4.2	0.75	D	50°C	No	\$593.00
14870194	CFW100 D 06P0 S1 20 G2 ⁽³⁾	6	1.5	D	50°C	No	\$731.00
230V - 1AC							
14248096	CFW100 A 01P6 S2 20 G2	1.6	0.33	A	50°C	No	\$453.00
14248097	CFW100 B 02P6 S2 20 G2	2.6	0.5	B	50°C	No	\$500.00
14248218	CFW100 C 04P2 S2 20 G2	4.2	0.75	C	50°C	No	\$523.00
14870191	CFW100 D 06P0 S2 20 G2 ⁽³⁾	6	1.5	D	50°C	No	\$650.00
14870192	CFW100 D 07P3 S2 20 G2 ⁽³⁾	7.3	2	D	50°C	No	\$779.00

(1) Motor power ratings are based on: WEG - 4 poles -

(2) Maximum surrounding air temperature without current derating

(3) Frame size D items are not uL/cuL listed

CFW100 - RFI Filter Accessory

Part Number	Product	CFW100 Model		List Price
14433941	CFW100-KFABC - S1 Footprint RFI Filter	CFW100 A 01P6 S120 G2 CFW100 B 02P6 S120 G2		\$131.00
13128410	CFW100-KFABC - S2 Footprint RFI Filter	CFW100 A 01P6 S220 G2 CFW100 B 02P6 S220 G2 CFW100 C 04P2 S220 G2		\$131.00
15406167	CFW100-KFD-S1 Footprint RFI Filter	CFW100 D 04P2 S1 20 G2 20 G2	CFW100 D 06P0 S1	\$147.00
15406163	CFW100-KFD-S2 Footprint RFI Filter	CFW100 D 06P0 S2 20 G2 20 G2	CFW100 D 07P3 S2	\$147.00

CFW100 - Accessories

Part Number	Product	Description	List Price
11710626	CFW100-CRS485	RS485 Communication Module	\$131.00
11722753	CFW100-CUSB	USB Communication Module (with 2m cable)	\$202.00
13014693	MMF-uDrives	Flash Memory Module (with 1m cable)	\$333.00
11710650	CFW100-KHMIR	Kit for remote keypad (with CFW100-CRS485 + 3m cable)	\$404.00
12293350	CFW100-IOAR	Expansion Module (1 AI and 1 DO)	\$119.00
12293349	CFW100-CCAN	CANopen and DeviceNet Communication Module	\$219.00
12474952	CFW100-IOADR	InfraRed Communication Module + IR remote control	\$363.00
12888249	CFW100-IOA	Expansion Module (1 AI and 1 AO)	\$142.00
12888248	CFW100-IOD	Expansion Module (4 DI - PNP or NPN)	\$119.00
14409627	CFW100-IOP	Potentiometer Module	\$131.00

The CFW320 variable speed drive is a high-performance VSD for induction motors. It is ideal for applications on equipment requiring precise control and easy operation. In a compact size, It features contactor-style electrical installation, selectable WEG vector control (VVW) or scalar control (V/F), built-in operating interface (HMI), SoftPLC, free WPS programming software and plug-in accessories that may be added to provide extended functionalities, making it a flexible solution bringing value for money.



- Certifications:



Technical data:

- Single and three-phase power supply.
- Voltage range: 110-127Vac and 200-240Vac for single-phase models.
200-240Vac, 380-480Vac for three-phase models.
280-340Vdc for DC-link input models.
- Current / Power range: up to 15.2 Amps / 7.5 kW (10 HP)
- Control mode: scalar (V/Hz) or voltage vector VVW.
- Switching frequency: 2.5 to 15kHz.
- Overload capacity: 150% for 60sec every 10min, 200% for 3sec every 10min.
- Degree of protection: IP20.
- Operating temperature: 0 to 50°C. 40°C for T4 models
up to 60°C (50°C for T4 models) with current derating (2% for each 1°C above nominal rating).
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 90% non-condensing.
- Integrated brake chopper for frame size B (not available for size A). For T4 please check dedicated model.
- Local keypad supplied as standard.

- I/O connections:							
	Std	IOAR	IODR	IOAENC	IOADR	IOADR-D	IODF
Digital inputs	4		4				
Digital outputs							
Relay Outputs	1	3	3		3	3	
Analogue inputs	1	1		1	1	1	
Analogue outputs		1		2			
Frequency inputs							3
Frequency outputs							3
Infrared and NTC					1	1	
Encoder input				1			

- Fieldbus:										
RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/ IP	BACnet
CFW320-CRS232	CFW320-CRS485	CFW320-CRS485	CFW320-CEETH	CFW320-CPDP	CFW320-CPDP	NA	CFW320-CCAN	CFW320-CCAN	CFW320-CEETH	CFW320-CRS485

Accessories:

- External HMI
- Flash Memory
- Plug in modules
- RFI filter

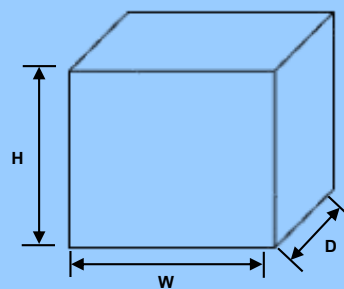
CFW320

Easy Drive

Product and Series	Model Identification				Braking	Degree of Protection	Special Hardware	Special Firmware
	Frame Size	Rated Current	No. of phases power supply	Rated Voltage				
CFW320	A	01P6	T	2	NB	20	-	-
CFW320	A	01P1 = 1.1	S = single-phase					
	B	01P6 = 1.6	B = single/three-phase					
	C	01P8 = 1.8	T = three-phase					
		02P6 = 2.6	D = DC power supply					
		03P5 = 3.5	1 = 110...127V					
		04P2 = 4.2	2 = 200...240V					
		04P8 = 4.8	3 = 280...340Vdc					
		06P0 = 6.0	4 = 380...480Vac					
		06P5 = 6.5	NB = without braking chopper					
		07P3 = 7.3	DB = braking chopper					
		08P2 = 8.2	20 = IP20					
		10P0 = 10	Blank = standard hardware					
		12P0 = 12	Hx = Special hardware					
		15P0 = 15.0	Blank = standard firmware					
		15P2 = 15.2	Sx = special firmware					

- Dimensions and weight (without packaging):

Frame size	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lbs)
Without footprint RFI Filter				
A	158 (6.22)	70 (2.76)	149 (5.87)	0.9 (1.98)
B	199 (7.83)	70 (2.76)	159 (6.26)	1.34 (2.95)
C	214 (8.43)	89 (3.5)	164 (6.46)	1.5 (3.31)
With footprint RFI Filter				
A	196 (7.72)	70 (2.76)	191 (7.52)	1.3 (2.87)
B	237 (9.33)	70 (2.76)	201 (7.91)	1.8 (3.97)
C	253 (9.96)	89 (3.5)	208 (8.19)	2.0 (4.41)



Variable Frequency Drives

CFW320 - Standard - 110~127V & 200~240V & 380~480V

Part Number	Product	Rated Current	Motor ⁽¹⁾	Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		A	HP				
Power Supply 127V - 1AC / Output / Motor - 3AC							
15890638	CFW320 A 01P6 S1 NB20	1.6	0.33	A	50°C	No	\$569
15890639	CFW320 A 02P6 S1 NB20	2.6	0.5	A	50°C	No	\$620
15890640	CFW320 A 04P2 S1 NB20	4.2	0.75	A	50°C	No	\$660
15890641	CFW320 A 06P0 S1 NB20	6	1.5	A	50°C	No	\$797
230V - 1AC							
15890642	CFW320 A 01P6 S2 NB20	1.6	0.33	A	50°C	No	\$516
15890644	CFW320 A 02P6 S2 NB20	2.6	0.5	A	50°C	No	\$564
15890645	CFW320 A 04P2 S2 NB20	4.2	0.75	A	50°C	No	\$599
15890646	CFW320 A 06P0 S2 NB20	6	1.5	A	50°C	No	\$725
15890647	CFW320 A 07P3 S2 NB20	7.3	2	A	50°C	No	\$853
230V - 3AC							
15890699	CFW320 A 01P6 T2 NB20	1.6	0.33	A	50°C	No	\$539
15890700	CFW320 A 02P6 T2 NB20	2.6	0.5	A	50°C	No	\$592
15890701	CFW320 A 04P2 T2 NB20	4.2	0.75	A	50°C	No	\$630
15890702	CFW320 A 06P0 T2 NB20	6	1.5	A	50°C	No	\$760
15890704	CFW320 A 07P3 T2 NB20	7.3	2	A	50°C	No	\$898
15890698	CFW320 B 10P0 B2 DB20	10	3	B	50°C	Yes	\$1,018
15890705	CFW320 B 15P2 T2 DB20	15.2	5	B	50°C	Yes	\$1,280
460V - 3AC							
15893231	CFW320 A 01P1 T4 NB20	1.1	0.5	A	40°C	No	\$739
15893232	CFW320 A 01P8 T4 NB20	1.8	0.75	A	40°C	No	\$776
15893234	CFW320 A 02P6 T4 NB20	2.6	1	A	40°C	No	\$844
15893235	CFW320 A 03P5 T4 NB20	3.5	2	A	40°C	No	\$936
15893236	CFW320 A 04P8 T4 NB20	4.8	3	A	40°C	No	\$1,090
15893237	CFW320 B 06P5 T4 NB20	5.6	3	B	40°C	No	\$1,380
15893561	CFW320 B 08P2 T4 NB20	7.6	5	B	40°C	No	\$1,469
15893562	CFW320 C 10P0 T4 NB20	8.3	5	C	40°C	No	\$1,565
15893563	CFW320 C 12P0 T4 NB20	11	7.5	C	40°C	No	\$1,863
15893564	CFW320 C 15P0 T4 NB20	14	10	C	40°C	No	\$2,323
15893671	CFW320 B 01P1 T4 DB20	1.1	0.5	B	40°C	Yes	\$803
15893672	CFW320 B 01P8 T4 DB20	1.8	0.75	B	40°C	Yes	\$840
15893673	CFW320 B 02P6 T4 DB20	2.6	1	B	40°C	Yes	\$908
15893674	CFW320 B 03P5 T4 DB20	3.5	2	B	40°C	Yes	\$1,001
15893750	CFW320 B 04P8 T4 DB20	4.8	3	B	40°C	Yes	\$1,155
15893751	CFW320 B 06P5 T4 DB20	5.6	3	B	40°C	Yes	\$1,400
15893753	CFW320 B 08P2 T4 DB20	7.6	5	B	40°C	Yes	\$1,489
15893755	CFW320 C 10P0 T4 DB20	8.3	5	C	40°C	Yes	\$1,586
15893853	CFW320 C 12P0 T4 DB20	11	7.5	C	40°C	Yes	\$1,884
15893854	CFW320 C 15P0 T4 DB20	14	10	C	40°C	Yes	\$2,344

CFW320 - Special Hardware with DC voltage feeding - 280~340Vdc

Input 280~340Vdc / Motor - 3AC							
15890707	CFW320 A 01P6 D3 NB20	1.6	0.33	A	50°C	No	Under request
15890749	CFW320 A 02P6 D3 NB20	2.6	0.5	A	50°C	No	Under request
15890750	CFW320 A 04P2 D3 NB20	4.2	0.75	A	50°C	No	Under request
15890751	CFW320 A 06P0 D3 NB20	6	1.5	A	50°C	No	Under request
15890753	CFW320 A 07P3 D3 NB20	7.3	2	A	50°C	No	Under request
15890698	CFW320 B 10P0 B2 DB20	10	3	B	50°C	Yes	\$1,018
15890705	CFW320 B 15P2 T2 DB20	15.2	5	B	50°C	Yes	\$1,279

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW320 - Accessories

Part Number	Product	Slot	Description	List Price
Communication Modules				
16047141	CFW320-CRS232	1	RS-232 serial communication module (Modbus-RTU)	\$130
16047140	CFW320-CRS485	1	RS-485 serial communication module (Modbus-RTU)	\$130
16047144	CFW320-CCAN	1	CAN interface module (CANopen/DeviceNet)	\$157
16047208	CFW320-CPDP	1	Profibus DP & DP-V1 interface module	\$464
16047139	CFW320-CUSB	1	USB communication module + 2m cable	\$137
16047209	CFW320-CETH	1	Modbus TCP and Ethernet/IP communication module	\$568
I/O Expansion Modules				
16047096	CFW320-IOP	1	Potentiometer reference module	\$137
16047089	CFW320-IO DR	2	IO DR expansion module - Insulated inputs (NPN or PNP)	\$170
16046977	CFW320-IOAR	2	IOAR expansion module (1AI, 1AO and 3RO)	\$223
16047092	CFW320-IOADR	2	IOADR expansion module (1 PTC, 3RO and 1 infrared input) Simple remote control with battery, infrared sensor and NTC sensor included	\$328
16047095	CFW320-IOADR-D	2	IOADR expansion module (1 PTC, 3RO and 1 infrared input) Complete remote control with battery and DISPLAY, infrared sensor and NTC sensor included	\$380
16046971	CFW320-IOAENC	2	Encoder module - Incremental Encoder (A/A - B/B) +5Vdc@100 mA power supply, max frequency 400 kHz	\$227
16046973	CFW320-IODF	2	IODF expansion module (3DFI and 3DFO)	\$180
Flash Memory Module				
13014693	MMF-uDrives	-	Flash memory module (with 1m cable)	\$333
RFI Filter ⁽¹⁾				
16423413	CFW320-KFA-S1-S2	-	RFI Filter accessory for CFW320 110V-240V frame size "A"	\$141
16423862	CFW320-KFB-S2	-	RFI Filter accessory for CFW320 200V-240V frame size "B"	\$165
16047216	CFW320-KFA-T2	-	RFI Filter accessory for CFW320 200V-240V frame size "A"	\$260
16047260	CFW320-KFB-T2	-	RFI Filter accessory for CFW320 200V-240V frame size "B"	\$320
16047263	CFW320-KFA-T4	-	RFI Filter accessory for CFW320 380V-480V frame size "A"	\$260
16047265	CFW320-KFB-T4	-	RFI Filter accessory for CFW320 380V-480V frame size "B"	\$320
16047266	CFW320-KFC-T4	-	RFI Filter accessory for CFW320 380V-480V frame size "C"	\$340
Remote Keypad				
16047211	CFW320-KHMIR	1	Kit for remote keypad (with CFW320-CRS485 + 3m cable)	\$404

(1) CFW320 RFI filters are under UL certification process.

The CFW500 variable speed drive is an industry purpose drive designed to deliver flexible and user friendly interface. Several accessories (I/O's, STO/SS1, communication modules) can easily be incorporated to the drive via a plug and play technology bringing simplicity to the installation.



- Certifications:



CFW500

Machinery Variable Speed Drive

Technical data:

- Single and three-phase power supply.
- Voltage range: 200-240Vac for single-phase models.
200-240Vac, 380-480Vac and 500-600V for three-phase models.
- Current / Power range: up to 211 Amps / 110 kW (150 HP)
- Control mode: scalar (V/Hz), VVW, open loop vector control, closed loop with encoder and VVW PM (not available for IP20 frame A)
- Switching frequency: 2.5 to 15kHz.
- Overload capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.
HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.
- Degree of protection: IP20 and IP66 / NEMA Type 4X.
- Operating temperature: IP20 frames A to E: -10 to 50°C if not installed side-by-side or with NEMA1, RFI Filter and STO/SS1 models.
IP20 frames A to E: -10 to 40°C if installed side-by-side or with NEMA1, RFI Filter and STO/SS1 models.
IP20 frames F: -10 °C to 40 °C.
IP20 frame G: -10 °C to 45 °C if not installed with STO/SS1.
IP20 frame G: -10 °C to 40 °C if installed with STO/SS1.
IP66 frames A and B: -10 °C to 40 °C.
it's possible to operate on higher temperatures with current derating (check user manual)
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 95% non-condensing.
- Integrated brake chopper for IP20 models frames B to F, and IP66 models frames A and B.
- Built-in PID controller.
- Built-in HMI.

- I/O connections:

	IOS IOS-PNP CUSB	IOD	IOAD	IOR-B	CCAN CPDP / 2	CRS232	CRS485-B	CEMB-TCP CETH-IP	CEPN-IO
Digital inputs	4	8	6	5	2	2	4	2	2
Digital outputs	1	4	3	1	1	1	1	1	1
Relay Outputs	1	1	1	4	1	1	2	1	1
Analog inputs	1	1	3	1	1	1	2	1	1
Analog outputs	1	1	2	1	1	1	1	1	1
RS 485	1	1	1	1	1	1	2	1	1
24 VDC	1	1	1	1	1	1	1	1	1
Encoder	-	-	-	-	-	-	-	-	-

- Fieldbus:

RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet
CFW500-CRS232	CFW500-CRS485-B	Any plug-in module	CFW500-CEMB-TCP	CFW500-CPDP / 2	CFW500-CPDP / 2	CFW500-CEPN-IO	CFW500-CCAN	CFW500-CCAN	CFW500-CETH-IP	Any plug-in module with the CFW500 G2 version

Accessories:

- IP21/NEMA1 kit
- Flash Memory
- Plug in modules
- External HMI
- STO/SS1: Cat. 4 / PLe acc. to EN ISO 13849-1; SIL 3 / SIL CL 3 acc. to EN 61800-5-2 / IEC 61508 / EN 62061

Optionals:

- RFI filter

Special Versions:

- IP66 / NEMA Type 4X enclosure

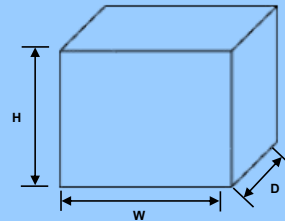
CFW500

Machinery Variable Speed Drive

Product and Series	Model Identification				Braking	Degree of Protection	Conducted Emission Level	Disconnect Switch	Safety	Special Hardware/Firmware	Generation
	Frame Size	Rated Current	No. of phases power supply	Rated Voltage							
CFW500	A	01P6	T	4	NB	20	C2	-	-	-	G2
CFW500	A	01P0 = 1.0	S = single-phase								
	B	01P6 = 1.6	B = single/three-ph.								
	C	01P7 = 1.7	T = three-phase								
	D	02P6 = 2.6	2 = 200...240Vac								
	E	03P0 = 3.0	4 = 380...480Vac								
	F	04P3 = 4.3	5 = 500...600Vac								
	G	06P1 = 6.1	NB = without braking chopper								
		06P5 = 6.5	DB = with braking chopper								
		07P0 = 7.0	20 = IP20								
		07P3 = 7.3	N1 = NEMA1 Enclosure								
		09P6 = 9.6	66 = IP66 / NEMA Type 4X								
		10P0 = 10	Blank = without RFI filter								
		12P0 = 12	C2 = According to category 2 of IEC 61800-3 standard								
		14P0 = 14	C3 = According to category 3 of IEC 61800-3 standard								
		16P0 = 16	Blank = without disconnect switch								
		24P0 = 24	DS = with disconnect switch								
		28P0 = 28	Blank = without STO/SS1 function								
		31P0 = 31	Y2 = with STO/SS1 function								
		33P0 = 33	Blank = with IOS plug-in module								
		47P0 = 47	H00 = Standard hardware without plug-in module								
		49P0 = 49	Sxx = Special firmware								
		56P0 = 56	Blank = Generation 1								
		77P0 = 77	G2 = Generation 2								
		88P0 = 88									
		0105 = 105									
		0142 = 142									
		0145 = 145									
		0180 = 180									
		0211 = 211									

- Dimensions and weight (without packaging):

IP20				
Frame size	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lbs)
A	190 (7.48)	76 (2.99)	150 (5.91)	0.8 (1.76)
B	200 (7.87)	101 (3.98)	161 (6.34)	1.2 (2.65)
C	210 (8.27)	135.2 (5.32)	165.1 (6.5)	2.0 (4.41)
D	306.6 (12.07)	180 (7.09)	166.5 (6.56)	4.3 (9.48)
E	350 (13.78)	220 (8.66)	191.5 (7.54)	10.0 (22.05)
F	550 (21.65)	300 (11.81)	254 (10)	26.0 (56.32)
G	675 (26.57)	335.3 (13.2)	314 (12.36)	52.0 (114.64)
IP66 with disconnect switch				
A	265 (10.43)	165 (6.5)	252.5 (9.94)	10.0 (22.05)
B	340 (13.39)	215 (8.46)	252.9 (9.96)	12.0 (26.5)



Variable Speed Drives

CFW500 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
15571886	CFW500 A 01P6 S2 NB20H00G2	-	1.6	-	0.33	A	50°C	No	\$569
15571950	CFW500 A 02P6 S2 NB20H00G2	-	2.6	-	0.5	A	50°C	No	\$590
15571954	CFW500 A 04P3 S2 NB20H00G2	-	4.3	-	0.75	A	50°C	No	\$605
15572624	CFW500 A 07P0 S2 NB20H00G2	-	7	-	2	A	50°C	No	\$655
230V - 1 or 3AC									
15571878	CFW500 A 01P6 B2 NB20H00G2	-	1.6	-	0.33	A	50°C	No	\$590
15571880	CFW500 A 02P6 B2 NB20H00G2	-	2.6	-	0.5	A	50°C	No	\$610
15571882	CFW500 A 04P3 B2 NB20H00G2	-	4.3	-	0.75	A	50°C	No	\$634
15574749	CFW500 B 07P3 B2 DB20H00G2	-	7	-	2	B	50°C	Yes	\$884
15575083	CFW500 B 10P0 B2 DB20H00G2	-	10	-	3	B	50°C	Yes	\$929
230V - 3AC									
15572627	CFW500 A 07P0 T2 NB20H00G2	-	7	-	2	A	50°C	No	\$722
15572691	CFW500 A 09P6 T2 NB20H00G2	-	9.6	-	3	A	50°C	No	\$844
15575230	CFW500 B 16P0 T2 DB20H00G2	-	16	-	5	B	50°C	Yes	\$1,231
15575702	CFW500 C 24P0 T2 DB20H00G2	-	24	-	7.5	C	50°C	Yes	\$1,848
15575728	CFW500 D 28P0 T2 DB20H00G2	-	28	-	10	D	50°C	Yes	\$2,561
15576434	CFW500 D 33P0 T2 DB20H00G2	-	33	-	10	D	50°C	Yes	\$3,336
15576541	CFW500 D 47P0 T2 DB20H00G2	-	47	-	15	D	50°C	Yes	\$4,098
15577120	CFW500 E 56P0 T2 DB20H00G2	70	56	25	20	E	40°C	Yes	\$5,050
15342637	CFW500 F 77P0 T2 DB20H00G2	77	64	25	20	F	40°C	Yes	\$5,880
15342764	CFW500 F 88P0 T2 DB20H00G2	88	75	30	25	F	40°C	Yes	\$6,482
15342915	CFW500 F 0105 T2 DB20H00G2	105	88	40	30	F	40°C	Yes	\$8,372
15655592	CFW500 G 0145 T2 NB20H00G2	145	115	50	40	G	45°C	No	\$11,176
15655659	CFW500 G 0180 T2 NB20H00G2	180	145	60	50	G	45°C	No	\$15,619
15655665	CFW500 G 0211 T2 NB20H00G2	211	180	75	60	G	45°C	No	\$20,515
15654829	CFW500 G 0145 T2 DB20H00G2	145	115	50	40	G	45°C	Yes	\$11,970
15655341	CFW500 G 0180 T2 DB20H00G2	180	145	60	50	G	45°C	Yes	\$16,723
15655342	CFW500 G 0211 T2 DB20H00G2	211	180	75	60	G	45°C	Yes	\$21,962
460V - 3AC									
15572820	CFW500 A 01P0 T4 NB20H00G2	-	1	-	0.33	A	50°C	No	\$783
15572911	CFW500 A 01P6 T4 NB20H00G2	-	1.6	-	0.75	A	50°C	No	\$807
15573715	CFW500 A 02P6 T4 NB20H00G2	-	2.6	-	1	A	50°C	No	\$860
15573820	CFW500 A 04P3 T4 NB20H00G2	-	4.3	-	2	A	50°C	No	\$1,017
15573824	CFW500 A 06P1 T4 NB20H00G2	-	6.1	-	3	A	50°C	No	\$1,198
15575572	CFW500 B 02P6 T4 DB20H00G2	-	2.6	-	1	B	50°C	Yes	\$908
15575606	CFW500 B 04P3 T4 DB20H00G2	-	4.3	-	2	B	50°C	Yes	\$1,074
15575666	CFW500 B 06P5 T4 DB20H00G2	-	6.5	-	3	B	50°C	Yes	\$1,255
15575700	CFW500 B 10P0 T4 DB20H00G2	-	10	-	5	B	50°C	Yes	\$1,493
15575708	CFW500 C 14P0 T4 DB20H00G2	-	14	-	10	C	50°C	Yes	\$1,877
15575712	CFW500 C 16P0 T4 DB20H00G2	-	16	-	10	C	50°C	Yes	\$2,170
15576923	CFW500 D 24P0 T4 DB20H00G2	-	24	-	15	D	50°C	Yes	\$2,828
15577022	CFW500 D 31P0 T4 DB20H00G2	-	31	-	20	D	50°C	Yes	\$3,493
15577403	CFW500 E 39P0 T4 DB20H00G2	45	39	30	25	E	40°C	Yes	\$4,248
15577456	CFW500 E 49P0 T4 DB20H00G2	58.5	49	40	30	E	40°C	Yes	\$5,091
15734062	CFW500 F 77P0 T4 DB20H00G2	77	61	60	40	F	40°C	Yes	\$6,849
15734065	CFW500 F 88P0 T4 DB20H00G2	88	73	60	50	F	40°C	Yes	\$8,272
15734120	CFW500 F 0105 T4 DB20H00G2	105	88	75	60	F	40°C	Yes	\$9,498
15448496	CFW500 G 0142 T4 NB20H00G2	142	115	100	75	G	45°C	No	\$11,781
15448497	CFW500 G 0180 T4 NB20H00G2	180	142	150	100	G	45°C	No	\$16,821
15448538	CFW500 G 0211 T4 NB20H00G2	211	180	150	150	G	45°C	No	\$19,611
15448375	CFW500 G 0142 T4 DB20H00G2	142	115	100	75	G	45°C	Yes	\$12,611
15448377	CFW500 G 0180 T4 DB20H00G2	180	142	150	100	G	45°C	Yes	\$18,007
15448490	CFW500 G 0211 T4 DB20H00G2	211	180	150	150	G	45°C	Yes	\$20,995

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

ND overload capacity available for frame size E, from firmware version v.3.7x

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Frequency Drives

CFW500 - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
15571884	CFW500 A 01P6 S2 NB20C2H00G2	-	1.6	-	0.33	A	40°C	No	\$1,126
15571948	CFW500 A 02P6 S2 NB20C2H00G2	-	2.6	-	0.5	A	40°C	No	\$1,162
15571952	CFW500 A 04P3 S2 NB20C2H00G2	-	4.3	-	0.75	A	40°C	No	\$1,191
15572569	CFW500 A 07P0 S2 NB20C3H00G2	-	7	-	2	A	40°C	No	\$1,279
15575109	CFW500 B 07P3 S2 DB20C2H00G2	-	7.3	-	2	B	40°C	Yes	\$1,675
15575156	CFW500 B 10P0 S2 DB20C2H00G2	-	10	-	3	B	40°C	Yes	\$1,755
230V - 3AC									
15575715	CFW500 D 28P0 T2 DB20C3H00G2	-	28	-	10	D	40°C	Yes	\$2,921
15576430	CFW500 D 33P0 T2 DB20C3H00G2	-	33	-	10	D	40°C	Yes	\$3,804
15576437	CFW500 D 47P0 T2 DB20C3H00G2	-	47	-	15	D	40°C	Yes	\$4,671
15577070	CFW500 E 56P0 T2 DB20C3H00G2	70	56	25	20	E	40°C	Yes	\$5,312
15342630	CFW500 F 77P0 T2 DB20C3H00G2	77	64	25	20	F	40°C	Yes	\$6,070
15342762	CFW500 F 88P0 T2 DB20C3H00G2	88	75	30	25	F	40°C	Yes	\$6,687
15342914	CFW500 F 0105 T2 DB20C3H00G2	105	88	40	30	F	40°C	Yes	\$8,631
15654803	CFW500 G 0145 T2 NB20C3H00G2	145	115	50	40	G	45°C	No	\$11,526
15654804	CFW500 G 0180 T2 NB20C3H00G2	180	145	60	50	G	45°C	No	\$16,107
15654805	CFW500 G 0211 T2 NB20C3H00G2	211	180	75	60	G	45°C	No	\$21,156
15654766	CFW500 G 0145 T2 DB20C3H00G2	145	115	50	40	G	45°C	Yes	\$12,341
15654798	CFW500 G 0180 T2 DB20C3H00G2	180	145	60	50	G	45°C	Yes	\$17,244
15654799	CFW500 G 0211 T2 DB20C3H00G2	211	180	75	60	G	45°C	Yes	\$22,644
460V - 3AC									
15572818	CFW500 A 01P0 T4 NB20C2H00G2	-	1	-	0.33	A	40°C	No	\$1,167
15572826	CFW500 A 01P6 T4 NB20C2H00G2	-	1.6	-	0.75	A	40°C	No	\$1,198
15573713	CFW500 A 02P6 T4 NB20C2H00G2	-	2.6	-	1	A	40°C	No	\$1,272
15573717	CFW500 A 04P3 T4 NB20C2H00G2	-	4.3	-	2	A	40°C	No	\$1,493
15573822	CFW500 A 06P1 T4 NB20C3H00G2	-	6.1	-	3	A	40°C	No	\$1,748
15575367	CFW500 B 02P6 T4 DB20C2H00G2	-	2.6	-	1	B	40°C	Yes	\$1,339
15575575	CFW500 B 04P3 T4 DB20C2H00G2	-	4.3	-	2	B	40°C	Yes	\$1,570
15575662	CFW500 B 06P5 T4 DB20C2H00G2	-	6.5	-	3	B	40°C	Yes	\$1,824
15575698	CFW500 B 10P0 T4 DB20C3H00G2	-	10	-	5	B	40°C	Yes	\$2,158
15575705	CFW500 C 14P0 T4 DB20C2H00G2	-	14	-	10	C	40°C	Yes	\$2,368
15575710	CFW500 C 16P0 T4 DB20C2H00G2	-	16	-	10	C	40°C	Yes	\$2,732
15576897	CFW500 D 24P0 T4 DB20C3H00G2	-	24	-	15	D	40°C	Yes	\$3,578
15577019	CFW500 D 31P0 T4 DB20C3H00G2	-	31	-	20	D	40°C	Yes	\$4,223
15577186	CFW500 E 39P0 T4 DB20C3H00G2	45	39	30	25	E	40°C	Yes	\$4,469
15577407	CFW500 E 49P0 T4 DB20C3H00G2	58.5	49	40	30	E	40°C	Yes	\$5,353
15734059	CFW500 F 77P0 T4 DB20C3H00G2	77	61	60	40	F	40°C	Yes	\$7,062
15734067	CFW500 F 88P0 T4 DB20C3H00G2	88	73	60	50	F	40°C	Yes	\$8,534
15734882	CFW500 F 0105 T4 DB20C3H00G2	105	88	75	60	F	40°C	Yes	\$9,796
15180490	CFW500 G 0142 T4 NB20C3H00G2	142	115	100	75	G	45°C	No	\$12,148
15180561	CFW500 G 0180 T4 NB20C3H00G2	180	142	150	100	G	45°C	No	\$17,340
15180563	CFW500 G 0211 T4 NB20C3H00G2	211	180	150	150	G	45°C	No	\$20,225
15180352	CFW500 G 0142 T4 DB20C3H00G2	142	115	100	75	G	45°C	Yes	\$13,010
15180353	CFW500 G 0180 T4 DB20C3H00G2	180	142	150	100	G	45°C	Yes	\$18,567
15180354	CFW500 G 0211 T4 DB20C3H00G2	211	180	150	150	G	45°C	Yes	\$21,648

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

ND overload capacity available for frame size E, from firmware version v.3.7x

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
15571885	CFW500 A 01P6 S2 NB20G2	-	1.6	-	0.33	A	50°C	No	\$743
15571949	CFW500 A 02P6 S2 NB20G2	-	2.6	-	0.5	A	50°C	No	\$764
15571953	CFW500 A 04P3 S2 NB20G2	-	4.3	-	0.75	A	50°C	No	\$779
15572573	CFW500 A 07P0 S2 NB20G2	-	7	-	2	A	50°C	No	\$828
230V - 1 or 3AC									
15570800	CFW500 A 01P6 B2 NB20G2	-	1.6	-	0.33	A	50°C	No	\$764
15571879	CFW500 A 02P6 B2 NB20G2	-	2.6	-	0.5	A	50°C	No	\$783
15571881	CFW500 A 04P3 B2 NB20G2	-	4.3	-	0.75	A	50°C	No	\$807
15574655	CFW500 B 07P3 B2 DB20G2	-	7	-	2	B	50°C	Yes	\$1,058
15575067	CFW500 B 10P0 B2 DB20G2	-	10	-	3	B	50°C	Yes	\$1,102
230V - 3AC									
15572625	CFW500 A 07P0 T2 NB20G2	-	7	-	2	A	50°C	No	\$896
15572689	CFW500 A 09P6 T2 NB20G2	-	9.6	-	3	A	50°C	No	\$1,017
15575202	CFW500 B 16P0 T2 DB20G2	-	16	-	5	B	50°C	Yes	\$1,405
15575701	CFW500 C 24P0 T2 DB20G2	-	24	-	7.5	C	50°C	Yes	\$2,022
15575716	CFW500 D 28P0 T2 DB20G2	-	28	-	10	D	50°C	Yes	\$2,735
15576432	CFW500 D 33P0 T2 DB20G2	-	33	-	10	D	50°C	Yes	\$3,509
15576540	CFW500 D 47P0 T2 DB20G2	-	47	-	15	D	50°C	Yes	\$4,272
15577077	CFW500 E 56P0 T2 DB20G2	70	56	25	20	E	40°C	Yes	\$5,223
15342437	CFW500 F 77P0 T2 DB20G2	77	64	25	20	F	40°C	Yes	\$6,037
15342760	CFW500 F 88P0 T2 DB20G2	88	75	30	25	F	40°C	Yes	\$6,630
15342909	CFW500 F 0105 T2 DB20G2	105	88	40	30	F	40°C	Yes	\$8,518
15655460	CFW500 G 0145 T2 NB20G2	145	115	50	40	G	45°C	No	\$11,317
15655462	CFW500 G 0180 T2 NB20G2	180	145	60	50	G	45°C	No	\$15,760
15655589	CFW500 G 0211 T2 NB20G2	211	180	75	60	G	45°C	No	\$20,659
15654806	CFW500 G 0145 T2 DB20G2	145	115	50	40	G	45°C	Yes	\$12,111
15654807	CFW500 G 0180 T2 DB20G2	180	145	60	50	G	45°C	Yes	\$16,865
15654828	CFW500 G 0211 T2 DB20G2	211	180	75	60	G	45°C	Yes	\$22,107
460V - 3AC									
15572819	CFW500 A 01P0 T4 NB20G2	-	1	-	0.33	A	50°C	No	\$957
15572908	CFW500 A 01P6 T4 NB20G2	-	1.6	-	0.75	A	50°C	No	\$981
15573714	CFW500 A 02P6 T4 NB20G2	-	2.6	-	1	A	50°C	No	\$1,034
15573819	CFW500 A 04P3 T4 NB20G2	-	4.3	-	2	A	50°C	No	\$1,191
15573823	CFW500 A 06P1 T4 NB20G2	-	6.1	-	3	A	50°C	No	\$1,372
15575568	CFW500 B 02P6 T4 DB20G2	-	2.6	-	1	B	50°C	Yes	\$1,082
15575577	CFW500 B 04P3 T4 DB20G2	-	4.3	-	2	B	50°C	Yes	\$1,248
15575665	CFW500 B 06P5 T4 DB20G2	-	6.5	-	3	B	50°C	Yes	\$1,429
15575699	CFW500 B 10P0 T4 DB20G2	-	10	-	5	B	50°C	Yes	\$1,667
15575707	CFW500 C 14P0 T4 DB20G2	-	14	-	10	C	50°C	Yes	\$2,034
15575711	CFW500 C 16P0 T4 DB20G2	-	16	-	10	C	50°C	Yes	\$2,328
15576919	CFW500 D 24P0 T4 DB20G2	-	24	-	15	D	50°C	Yes	\$2,985
15577021	CFW500 D 31P0 T4 DB20G2	-	31	-	20	D	50°C	Yes	\$3,650
15577211	CFW500 E 39P0 T4 DB20G2	45	39	30	25	E	40°C	Yes	\$4,396
15577452	CFW500 E 49P0 T4 DB20G2	58.5	49	40	30	E	40°C	Yes	\$5,231
15733937	CFW500 F 77P0 T4 DB20G2	77	61	60	40	F	40°C	Yes	\$6,985
15734064	CFW500 F 88P0 T4 DB20G2	88	73	60	50	F	40°C	Yes	\$8,413
15734119	CFW500 F 0105 T4 DB20G2	105	88	75	60	F	40°C	Yes	\$9,639
15448492	CFW500 G 0142 T4 NB20G2	142	115	100	75	G	45°C	No	\$11,917
15448493	CFW500 G 0180 T4 NB20G2	180	142	150	100	G	45°C	No	\$16,954
15448494	CFW500 G 0211 T4 NB20G2	211	180	150	150	G	45°C	No	\$19,748
15448371	CFW500 G 0142 T4 DB20G2	142	115	100	75	G	45°C	Yes	\$12,753
15448372	CFW500 G 0180 T4 DB20G2	180	142	150	100	G	45°C	Yes	\$18,140
15448373	CFW500 G 0211 T4 DB20G2	211	180	150	150	G	45°C	Yes	\$21,128

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

ND overload capacity available for frame size E, from firmware version v.3.7x

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
15571883	CFW500 A 01P6 S2 NB20C2G2	-	1.6	-	0.33	A	40°C	No	\$1,300
15571887	CFW500 A 02P6 S2 NB20C2G2	-	2.6	-	0.5	A	40°C	No	\$1,336
15571951	CFW500 A 04P3 S2 NB20C2G2	-	4.3	-	0.75	A	40°C	No	\$1,364
15572466	CFW500 A 07P0 S2 NB20C3G2	-	7	-	2	A	40°C	No	\$1,453
15575086	CFW500 B 07P3 S2 DB20C2G2	-	7.3	-	2	B	40°C	Yes	\$1,848
15575113	CFW500 B 10P0 S2 DB20C2G2	-	10	-	3	B	40°C	Yes	\$1,929
230V - 3AC									
15575714	CFW500 D 28P0 T2 DB20C3G2	-	28	-	10	D	40°C	Yes	\$3,094
15575729	CFW500 D 33P0 T2 DB20C3G2	-	33	-	10	D	40°C	Yes	\$3,978
15576435	CFW500 D 47P0 T2 DB20C3G2	-	47	-	15	D	40°C	Yes	\$4,844
15577068	CFW500 E 56P0 T2 DB20C3G2	70	56	25	20	E	40°C	Yes	\$5,485
15342628	CFW500 F 77P0 T2 DB20C3G2	77	64	25	20	F	40°C	Yes	\$6,227
15342761	CFW500 F 88P0 T2 DB20C3G2	88	75	30	25	F	40°C	Yes	\$6,837
15342911	CFW500 F 0105 T2 DB20C3G2	105	88	40	30	F	40°C	Yes	\$8,780
15654800	CFW500 G 0145 T2 NB20C3G2	145	115	50	40	G	45°C	No	\$11,667
15654801	CFW500 G 0180 T2 NB20C3G2	180	145	60	50	G	45°C	No	\$16,248
15654802	CFW500 G 0211 T2 NB20C3G2	211	180	75	60	G	45°C	No	\$21,297
15654761	CFW500 G 0145 T2 DB20C3G2	145	115	50	40	G	45°C	Yes	\$12,486
15654763	CFW500 G 0180 T2 DB20C3G2	180	145	60	50	G	45°C	Yes	\$17,390
15654764	CFW500 G 0211 T2 DB20C3G2	211	180	75	60	G	45°C	Yes	\$22,789
460V - 3AC									
15572697	CFW500 A 01P0 T4 NB20C2G2	-	1	-	0.33	A	40°C	No	\$1,339
15572825	CFW500 A 01P6 T4 NB20C2G2	-	1.6	-	0.75	A	40°C	No	\$1,372
15573712	CFW500 A 02P6 T4 NB20C2G2	-	2.6	-	1	A	40°C	No	\$1,444
15573716	CFW500 A 04P3 T4 NB20C2G2	-	4.3	-	2	A	40°C	No	\$1,667
15573821	CFW500 A 06P1 T4 NB20C3G2	-	6.1	-	3	A	40°C	No	\$1,920
15575258	CFW500 B 02P6 T4 DB20C2G2	-	2.6	-	1	B	40°C	Yes	\$1,513
15575574	CFW500 B 04P3 T4 DB20C2G2	-	4.3	-	2	B	40°C	Yes	\$1,743
15575660	CFW500 B 06P5 T4 DB20C2G2	-	6.5	-	3	B	40°C	Yes	\$1,997
15575667	CFW500 B 10P0 T4 DB20C3G2	-	10	-	5	B	40°C	Yes	\$2,332
15575703	CFW500 C 14P0 T4 DB20C2G2	-	14	-	10	C	40°C	Yes	\$2,525
15575709	CFW500 C 16P0 T4 DB20C2G2	-	16	-	10	C	40°C	Yes	\$2,888
15576894	CFW500 D 24P0 T4 DB20C3G2	-	24	-	15	D	40°C	Yes	\$3,731
15576927	CFW500 D 31P0 T4 DB20C3G2	-	31	-	20	D	40°C	Yes	\$4,376
15577181	CFW500 E 39P0 T4 DB20C3G2	45	39	30	25	E	40°C	Yes	\$4,614
15577406	CFW500 E 49P0 T4 DB20C3G2	58.5	49	40	30	E	40°C	Yes	\$5,494
15734058	CFW500 F 77P0 T4 DB20C3G2	77	61	60	40	F	40°C	Yes	\$7,204
15734066	CFW500 F 88P0 T4 DB20C3G2	88	73	60	50	F	40°C	Yes	\$8,670
15734121	CFW500 F 0105 T4 DB20C3G2	105	88	75	60	F	40°C	Yes	\$9,933
15180356	CFW500 G 0142 T4 NB20C3G2	142	115	100	75	G	45°C	No	\$12,284
15180488	CFW500 G 0180 T4 NB20C3G2	180	142	150	100	G	45°C	No	\$17,478
15180489	CFW500 G 0211 T4 NB20C3G2	211	180	150	150	G	45°C	No	\$20,358
15180348	CFW500 G 0142 T4 DB20C3G2	142	115	100	75	G	45°C	Yes	\$13,147
15180350	CFW500 G 0180 T4 DB20C3G2	180	142	150	100	G	45°C	Yes	\$18,700
15180351	CFW500 G 0211 T4 DB20C3G2	211	180	150	150	G	45°C	Yes	\$21,785

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

ND overload capacity available for frame size E, from firmware version v.3.7x

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - Standard (without plug-in module) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
575V - 3AC									
12954766	CFW500 C 01P7 T5 DB20H00	-	1.7	-	1	C	50°C	Yes	\$1,396
12954767	CFW500 C 03P0 T5 DB20H00	-	3	-	2	C	50°C	Yes	\$1,477
12954858	CFW500 C 04P3 T5 DB20H00	-	4.3	-	3	C	50°C	Yes	\$1,691
12954859	CFW500 C 07P0 T5 DB20H00	-	7	-	5	C	50°C	Yes	\$1,913
12954860	CFW500 C 10P0 T5 DB20H00	-	10	-	7.5	C	50°C	Yes	\$2,239
12954861	CFW500 C 12P0 T5 DB20H00	-	12	-	10	C	50°C	Yes	\$2,534

CFW500 - Standard (with IOS plug-in module built-in) - 500~600V

575V - 3AC									
12954862	CFW500 C 01P7 T5 DB20	-	1.7	-	1	C	50°C	Yes	\$1,570
12954863	CFW500 C 03P0 T5 DB20	-	3	-	2	C	50°C	Yes	\$1,651
12954864	CFW500 C 04P3 T5 DB20	-	4.3	-	3	C	50°C	Yes	\$1,865
12954865	CFW500 C 07P0 T5 DB20	-	7	-	5	C	50°C	Yes	\$2,086
12954866	CFW500 C 10P0 T5 DB20	-	10	-	7.5	C	50°C	Yes	\$2,413
12954867	CFW500 C 12P0 T5 DB20	-	12	-	10	C	50°C	Yes	\$2,707

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 IP66 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1 or 3AC									
14989334	CFW500 A 01P6 B2 DB66H00G2	-	1.6	-	0.33	A	40°C	Yes	\$986
14990984	CFW500 A 02P6 B2 DB66H00G2	-	2.6	-	0.5	A	40°C	Yes	\$1,017
14991514	CFW500 A 04P3 B2 DB66H00G2	-	4.3	-	0.75	A	40°C	Yes	\$1,053
14937832	CFW500 A 07P3 B2 DB66H00G2	-	7.3	-	2	A	40°C	Yes	\$1,434
14938040	CFW500 A 10P0 B2 DB66H00G2	-	10	-	3	A	40°C	Yes	\$1,501
230V - 3AC									
14938110	CFW500 A 16P0 T2 DB66H00G2	-	16	-	5	A	40°C	Yes	\$1,961
14975782	CFW500 B 24P0 T2 DB66H00G2	-	24	-	7.5	B	40°C	Yes	\$2,454
14938546	CFW500 B 28P0 T2 DB66H00G2	-	28	-	10	B	40°C	Yes	\$3,382
14938787	CFW500 B 33P0 T2 DB66H00G2	-	33	-	10	B	40°C	Yes	\$4,388
16905525	CFW500 C 47P0 T2 DB66H00G2	-	47	-	15	C	40°C	Yes	\$5,622
16905791	CFW500 C 56P0 T2 DB66H00G2	70	56	25	20	C	40°C	Yes	\$6,993
460V - 3AC									
14991839	CFW500 A 01P0 T4 DB66H00G2	-	1	-	0.33	A	40°C	Yes	\$1,280
14992112	CFW500 A 01P6 T4 DB66H00G2	-	1.6	-	0.75	A	40°C	Yes	\$1,318
14975847	CFW500 A 02P6 T4 DB66H00G2	-	2.6	-	1	A	40°C	Yes	\$1,408
14976682	CFW500 A 04P3 T4 DB66H00G2	-	4.3	-	2	A	40°C	Yes	\$1,722
14976812	CFW500 A 06P5 T4 DB66H00G2	-	6.5	-	3	A	40°C	Yes	\$1,997
14977259	CFW500 A 10P0 T4 DB66H00G2	-	10	-	5	A	40°C	Yes	\$2,360
14977390	CFW500 B 14P0 T4 DB66H00G2	-	14	-	10	B	40°C	Yes	\$2,763
14977551	CFW500 B 16P0 T4 DB66H00G2	-	16	-	10	B	40°C	Yes	\$3,150
14977628	CFW500 B 24P0 T4 DB66H00G2	-	24	-	15	B	40°C	Yes	\$4,137
14978545	CFW500 B 31P0 T4 DB66H00G2	-	31	-	20	B	40°C	Yes	\$5,097
16906015	CFW500 C 39P0 T4 DB66H00G2	45	39	30	25	C	40°C	Yes	\$6,602
16906226	CFW500 C 49P0 T4 DB66H00G2	59.2	49	40	30	C	40°C	Yes	\$8,119

CFW500 IP66 - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
14990860	CFW500 A 01P6 S2 DB66C3H00G2	-	1.6	-	0.33	A	40°C	Yes	\$1,802
14990986	CFW500 A 02P6 S2 DB66C3H00G2	-	2.6	-	0.5	A	40°C	Yes	\$1,856
14991704	CFW500 A 04P3 S2 DB66C3H00G2	-	4.3	-	0.75	A	40°C	Yes	\$1,900
14937892	CFW500 A 07P3 S2 DB66C3H00G2	-	7.3	-	2	A	40°C	Yes	\$2,635
14938044	CFW500 A 10P0 S2 DB66C3H00G2	-	10	-	3	A	40°C	Yes	\$2,758
230V - 3AC									
14938648	CFW500 B 28P0 T2 DB66C3H00G2	-	28	-	10	B	40°C	Yes	\$3,848
14938860	CFW500 B 33P0 T2 DB66C3H00G2	-	33	-	10	B	40°C	Yes	\$4,997
16905708	CFW500 C 47P0 T2 DB66C3H00G2	-	47	-	15	C	40°C	Yes	\$5,000
16905830	CFW500 C 56P0 T2 DB66C3H00G2	70	59	25	20	C	40°C	Yes	\$7,965
460V - 3AC									
14991945	CFW500 A 01P0 T4 DB66C3H00G2	-	1	-	0.33	A	40°C	Yes	\$1,862
14992115	CFW500 A 01P6 T4 DB66C3H00G2	-	1.6	-	0.75	A	40°C	Yes	\$1,912
14975891	CFW500 A 02P6 T4 DB66C3H00G2	-	2.6	-	1	A	40°C	Yes	\$2,127
14976684	CFW500 A 04P3 T4 DB66C3H00G2	-	4.3	-	2	A	40°C	Yes	\$2,476
14976997	CFW500 A 06P5 T4 DB66C3H00G2	-	6.5	-	3	A	40°C	Yes	\$2,862
14977263	CFW500 A 10P0 T4 DB66C3H00G2	-	10	-	5	A	40°C	Yes	\$3,370
14977393	CFW500 B 14P0 T4 DB66C3H00G2	-	14	-	10	B	40°C	Yes	\$3,472
14977553	CFW500 B 16P0 T4 DB66C3H00G2	-	16	-	10	B	40°C	Yes	\$3,996
14977630	CFW500 B 24P0 T4 DB66C3H00G2	-	24	-	15	B	40°C	Yes	\$5,216
14978553	CFW500 B 31P0 T4 DB66C3H00G2	-	31	-	20	B	40°C	Yes	\$6,150
16906218	CFW500 C 39P0 T4 DB66C3H00G2	45	39	30	25	C	40°C	Yes	\$7,969
16906328	CFW500 C 49P0 T4 DB66C3H00G2	59.2	49	40	30	C	40°C	Yes	\$9,796

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

Variable Frequency Drives

CFW500 IP66 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1 or 3AC									
14989840	CFW500 A 01P6 B2 DB66G2	-	1.6	-	0.33	A	40°C	Yes	\$1,160
14990985	CFW500 A 02P6 B2 DB66G2	-	2.6	-	0.5	A	40°C	Yes	\$1,190
14991517	CFW500 A 04P3 B2 DB66G2	-	4.3	-	0.75	A	40°C	Yes	\$1,227
14937890	CFW500 A 07P3 B2 DB66G2	-	7.3	-	2	A	40°C	Yes	\$1,607
14938041	CFW500 A 10P0 B2 DB66G2	-	10	-	3	A	40°C	Yes	\$1,674
230V - 3AC									
14938111	CFW500 A 16P0 T2 DB66G2	-	16	-	5	A	40°C	Yes	\$2,134
14975783	CFW500 B 24P0 T2 DB66G2	-	24	-	7.5	B	40°C	Yes	\$2,628
14938547	CFW500 B 28P0 T2 DB66G2	-	28	-	10	B	40°C	Yes	\$3,555
14938859	CFW500 B 33P0 T2 DB66G2	-	33	-	10	B	40°C	Yes	\$4,562
16905623	CFW500 C 47P0 T2 DB66G2	-	47	-	15	C	40°C	Yes	\$5,796
16905795	CFW500 C 56P0 T2 DB66G2	70	56	25	20	C	40°C	Yes	\$7,167
460V - 3AC									
14991899	CFW500 A 01P0 T4 DB66G2	-	1	-	0.33	A	40°C	Yes	\$1,454
14992113	CFW500 A 01P6 T4 DB66G2	-	1.6	-	0.75	A	40°C	Yes	\$1,490
14975888	CFW500 A 02P6 T4 DB66G2	-	2.6	-	1	A	40°C	Yes	\$1,582
14976683	CFW500 A 04P3 T4 DB66G2	-	4.3	-	2	A	40°C	Yes	\$1,895
14976814	CFW500 A 06P5 T4 DB66G2	-	6.5	-	3	A	40°C	Yes	\$2,171
14977261	CFW500 A 10P0 T4 DB66G2	-	10	-	5	A	40°C	Yes	\$2,532
14977391	CFW500 B 14P0 T4 DB66G2	-	14	-	10	B	40°C	Yes	\$2,937
14977552	CFW500 B 16P0 T4 DB66G2	-	16	-	10	B	40°C	Yes	\$3,324
14977629	CFW500 B 24P0 T4 DB66G2	-	24	-	15	B	40°C	Yes	\$4,311
14978548	CFW500 B 31P0 T4 DB66G2	-	31	-	20	B	40°C	Yes	\$5,269
16906016	CFW500 C 39P0 T4 DB66G2	45	39	30	25	C	40°C	Yes	\$6,776
16906227	CFW500 C 49P0 T4 DB66G2	59.2	49	40	30	C	40°C	Yes	\$8,293

CFW500 IP66 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	Gross Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
14990861	CFW500 A 01P6 S2 DB66C3G2	-	1.6	-	0.33	A	40°C	Yes	\$1,975
14991099	CFW500 A 02P6 S2 DB66C3G2	-	2.6	-	0.5	A	40°C	Yes	\$2,030
14991750	CFW500 A 04P3 S2 DB66C3G2	-	4.3	-	0.75	A	40°C	Yes	\$2,072
14937894	CFW500 A 07P3 S2 DB66C3G2	-	7.3	-	2	A	40°C	Yes	\$2,809
14938045	CFW500 A 10P0 S2 DB66C3G2	-	10	-	3	A	40°C	Yes	\$2,931
230V - 3AC									
14938649	CFW500 B 28P0 T2 DB66C3G2	-	28	-	10	B	40°C	Yes	\$4,022
14938862	CFW500 B 33P0 T2 DB66C3G2	-	33	-	10	B	40°C	Yes	\$5,170
16905709	CFW500 C 47P0 T2 DB66C3G2	-	47	-	15	C	40°C	Yes	\$6,575
16905834	CFW500 C 56P0 T2 DB66C3G2	70	56	25	20	C	40°C	Yes	\$8,139
460V - 3AC									
14991949	CFW500 A 01P0 T4 DB66C3G2	-	1	-	0.33	A	40°C	Yes	\$2,036
14992144	CFW500 A 01P6 T4 DB66C3G2	-	1.6	-	0.75	A	40°C	Yes	\$2,086
14976514	CFW500 A 02P6 T4 DB66C3G2	-	2.6	-	1	A	40°C	Yes	\$2,299
14976685	CFW500 A 04P3 T4 DB66C3G2	-	4.3	-	2	A	40°C	Yes	\$2,649
14977059	CFW500 A 06P5 T4 DB66C3G2	-	6.5	-	3	A	40°C	Yes	\$3,036
14977264	CFW500 A 10P0 T4 DB66C3G2	-	10	-	5	A	40°C	Yes	\$3,544
14977395	CFW500 B 14P0 T4 DB66C3G2	-	14	-	10	B	40°C	Yes	\$3,644
14977554	CFW500 B 16P0 T4 DB66C3G2	-	16	-	10	B	40°C	Yes	\$4,168
14978358	CFW500 B 24P0 T4 DB66C3G2	-	24	-	15	B	40°C	Yes	\$5,390
14978556	CFW500 B 31P0 T4 DB66C3G2	-	31	-	20	B	40°C	Yes	\$6,323
16906219	CFW500 C 39P0 T4 DB66C3G2	45	39	30	25	C	40°C	Yes	\$8,143
16906330	CFW500 C 49P0 T4 DB66C3G2	59.2	49	40	30	C	40°C	Yes	\$9,970

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

Variable Frequency Drives

CFW500 IP66 DS - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1 or 3AC									
14990862	CFW500 A 01P6 B2 DB66DSH00G2	-	1.6	-	0.33	A	40°C	Yes	\$1,120
14991101	CFW500 A 02P6 B2 DB66DSH00G2	-	2.6	-	0.5	A	40°C	Yes	\$1,154
14991751	CFW500 A 04P3 B2 DB66DSH00G2	-	4.3	-	0.75	A	40°C	Yes	\$1,195
14938001	CFW500 A 07P3 B2 DB66DSH00G2	-	7.3	-	2	A	40°C	Yes	\$1,618
14938046	CFW500 A 10P0 B2 DB66DSH00G2	-	10	-	3	A	40°C	Yes	\$1,693
230V - 3AC									
14938112	CFW500 A 16P0 T2 DB66DSH00G2	-	16	-	5	A	40°C	Yes	\$2,206
14975786	CFW500 B 24P0 T2 DB66DSH00G2	-	24	-	7.5	B	40°C	Yes	\$2,756
14938652	CFW500 B 28P0 T2 DB66DSH00G2	-	28	-	10	B	40°C	Yes	\$3,790
14938863	CFW500 B 33P0 T2 DB66DSH00G2	-	33	-	10	B	40°C	Yes	\$4,913
16905711	CFW500 C 47P0 T2 DB66DSH00G2	-	47	-	15	C	40°C	Yes	\$6,296
16905835	CFW500 C 56P0 T2 DB66DSH00G2	70	56	25	20	C	40°C	Yes	\$7,828
460V - 3AC									
14991951	CFW500 A 01P0 T4 DB66DSH00G2	-	1	-	0.33	A	40°C	Yes	\$1,447
14992146	CFW500 A 01P6 T4 DB66DSH00G2	-	1.6	-	0.75	A	40°C	Yes	\$1,488
14976516	CFW500 A 02P6 T4 DB66DSH00G2	-	2.6	-	1	A	40°C	Yes	\$1,591
14976687	CFW500 A 04P3 T4 DB66DSH00G2	-	4.3	-	2	A	40°C	Yes	\$1,940
14977119	CFW500 A 06P5 T4 DB66DSH00G2	-	6.5	-	3	A	40°C	Yes	\$2,247
14977265	CFW500 A 10P0 T4 DB66DSH00G2	-	10	-	5	A	40°C	Yes	\$2,651
14977396	CFW500 B 14P0 T4 DB66DSH00G2	-	14	-	10	B	40°C	Yes	\$3,101
14977555	CFW500 B 16P0 T4 DB66DSH00G2	-	16	-	10	B	40°C	Yes	\$3,532
14978362	CFW500 B 24P0 T4 DB66DSH00G2	-	24	-	15	B	40°C	Yes	\$4,632
14978570	CFW500 B 31P0 T4 DB66DSH00G2	-	31	-	20	B	40°C	Yes	\$5,702
16906220	CFW500 C 39P0 T4 DB66DSH00G2	45	39	30	25	C	40°C	Yes	\$7,385
16906331	CFW500 C 49P0 T4 DB66DSH00G2	59.2	49	40	30	C	40°C	Yes	\$9,082

CFW500 IP66 DS - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
14990864	CFW500 A 01P6 S2 DB66C3DSH00G2	-	1.6	-	0.33	A	40°C	Yes	\$2,029
14991105	CFW500 A 02P6 S2 DB66C3DSH00G2	-	2.6	-	0.5	A	40°C	Yes	\$2,089
14991756	CFW500 A 04P3 S2 DB66C3DSH00G2	-	4.3	-	0.75	A	40°C	Yes	\$2,138
14938006	CFW500 A 07P3 S2 DB66C3DSH00G2	-	7.3	-	2	A	40°C	Yes	\$2,957
14938108	CFW500 A 10P0 S2 DB66C3DSH00G2	-	10	-	3	A	40°C	Yes	\$3,095
230V - 3AC									
14938656	CFW500 B 28P0 T2 DB66C3DSH00G2	-	28	-	10	B	40°C	Yes	\$4,311
14938867	CFW500 B 33P0 T2 DB66C3DSH00G2	-	33	-	10	B	40°C	Yes	\$5,591
16905716	CFW500 C 47P0 T2 DB66C3DSH00G2	-	47	-	15	C	40°C	Yes	\$7,162
16905928	CFW500 C 56P0 T2 DB66C3DSH00G2	70	56	25	20	C	40°C	Yes	\$8,910
460V - 3AC									
14992031	CFW500 A 01P0 T4 DB66C3DSH00G2	-	1	-	0.33	A	40°C	Yes	\$2,096
14992767	CFW500 A 01P6 T4 DB66C3DSH00G2	-	1.6	-	0.75	A	40°C	Yes	\$2,151
14976680	CFW500 A 02P6 T4 DB66C3DSH00G2	-	2.6	-	1	A	40°C	Yes	\$2,391
14976810	CFW500 A 04P3 T4 DB66C3DSH00G2	-	4.3	-	2	A	40°C	Yes	\$2,780
14977066	CFW500 A 06P5 T4 DB66C3DSH00G2	-	6.5	-	3	A	40°C	Yes	\$3,211
14977388	CFW500 A 10P0 T4 DB66C3DSH00G2	-	10	-	5	A	40°C	Yes	\$3,778
14977549	CFW500 B 14P0 T4 DB66C3DSH00G2	-	14	-	10	B	40°C	Yes	\$3,889
14977557	CFW500 B 16P0 T4 DB66C3DSH00G2	-	16	-	10	B	40°C	Yes	\$4,475
14978387	CFW500 B 24P0 T4 DB66C3DSH00G2	-	24	-	15	B	40°C	Yes	\$5,837
14978576	CFW500 B 31P0 T4 DB66C3DSH00G2	-	31	-	20	B	40°C	Yes	\$6,876
16906223	CFW500 C 39P0 T4 DB66C3DSH00G2	45	39	30	25	C	40°C	Yes	\$8,905
16906333	CFW500 C 49P0 T4 DB66C3DSH00G2	59.2	49	40	30	C	40°C	Yes	\$10,950

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

Variable Frequency Drives

CFW500 IP66 DS - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1 or 3AC									
14990863	CFW500 A 01P6 B2 DB66DSG2	-	1.6	-	0.33	A	40°C	Yes	\$1,292
14991103	CFW500 A 02P6 B2 DB66DSG2	-	2.6	-	0.5	A	40°C	Yes	\$1,327
14991753	CFW500 A 04P3 B2 DB66DSG2	-	4.3	-	0.75	A	40°C	Yes	\$1,368
14938005	CFW500 A 07P3 B2 DB66DSG2	-	7.3	-	2	A	40°C	Yes	\$1,792
14938047	CFW500 A 10P0 B2 DB66DSG2	-	10	-	3	A	40°C	Yes	\$1,867
230V - 3AC									
14938113	CFW500 A 16P0 T2 DB66DSG2	-	16	-	5	A	40°C	Yes	\$2,379
14975838	CFW500 B 24P0 T2 DB66DSG2	-	24	-	7.5	B	40°C	Yes	\$2,930
14938655	CFW500 B 28P0 T2 DB66DSG2	-	28	-	10	B	40°C	Yes	\$3,964
14938866	CFW500 B 33P0 T2 DB66DSG2	-	33	-	10	B	40°C	Yes	\$5,086
16905714	CFW500 C 47P0 T2 DB66DSG2	-	47	-	15	C	40°C	Yes	\$6,469
16905837	CFW500 C 56P0 T2 DB66DSG2	70	56	25	20	C	40°C	Yes	\$8,002
460V - 3AC									
14991953	CFW500 A 01P0 T4 DB66DSG2	-	1	-	0.33	A	40°C	Yes	\$1,621
14992148	CFW500 A 01P6 T4 DB66DSG2	-	1.6	-	0.75	A	40°C	Yes	\$1,662
14976517	CFW500 A 02P6 T4 DB66DSG2	-	2.6	-	1	A	40°C	Yes	\$1,763
14976809	CFW500 A 04P3 T4 DB66DSG2	-	4.3	-	2	A	40°C	Yes	\$2,113
14977065	CFW500 A 06P5 T4 DB66DSG2	-	6.5	-	3	A	40°C	Yes	\$2,420
14977266	CFW500 A 10P0 T4 DB66DSG2	-	10	-	5	A	40°C	Yes	\$2,823
14977397	CFW500 B 14P0 T4 DB66DSG2	-	14	-	10	B	40°C	Yes	\$3,275
14977556	CFW500 B 16P0 T4 DB66DSG2	-	16	-	10	B	40°C	Yes	\$3,706
14978365	CFW500 B 24P0 T4 DB66DSG2	-	24	-	15	B	40°C	Yes	\$4,806
14978573	CFW500 B 31P0 T4 DB66DSG2	-	31	-	20	B	40°C	Yes	\$5,875
16906222	CFW500 C 39P0 T4 DB66DSG2	45	39	30	25	C	40°C	Yes	\$7,559
16906332	CFW500 C 49P0 T4 DB66DSG2	59.2	49	40	30	C	40°C	Yes	\$9,256

CFW500 IP66 DS - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1AC									
14990866	CFW500 A 01P6 S2 DB66C3DSG2	-	1.6	-	0.33	A	40°C	Yes	\$2,201
14991107	CFW500 A 02P6 S2 DB66C3DSG2	-	2.6	-	0.5	A	40°C	Yes	\$2,263
14991757	CFW500 A 04P3 S2 DB66C3DSG2	-	4.3	-	0.75	A	40°C	Yes	\$2,311
14938039	CFW500 A 07P3 S2 DB66C3DSG2	-	7.3	-	2	A	40°C	Yes	\$3,131
14938109	CFW500 A 10P0 S2 DB66C3DSG2	-	10	-	3	A	40°C	Yes	\$3,268
230V - 3AC									
14938783	CFW500 B 28P0 T2 DB66C3DSG2	-	28	-	10	B	40°C	Yes	\$4,485
14938978	CFW500 B 33P0 T2 DB66C3DSG2	-	33	-	10	B	40°C	Yes	\$5,764
16905717	CFW500 C 47P0 T2 DB66C3DSG2	-	47	-	15	C	40°C	Yes	\$7,336
16905933	CFW500 C 56P0 T2 DB66C3DSG2	70	56	25	20	C	40°C	Yes	\$9,082
460V - 3AC									
14992055	CFW500 A 01P0 T4 DB66C3DSG2	-	1	-	0.33	A	40°C	Yes	\$2,270
14993030	CFW500 A 01P6 T4 DB66C3DSG2	-	1.6	-	0.75	A	40°C	Yes	\$2,325
14976681	CFW500 A 02P6 T4 DB66C3DSG2	-	2.6	-	1	A	40°C	Yes	\$2,564
14976811	CFW500 A 04P3 T4 DB66C3DSG2	-	4.3	-	2	A	40°C	Yes	\$2,954
14977067	CFW500 A 06P5 T4 DB66C3DSG2	-	6.5	-	3	A	40°C	Yes	\$3,383
14977389	CFW500 A 10P0 T4 DB66C3DSG2	-	10	-	5	A	40°C	Yes	\$3,951
14977550	CFW500 B 14P0 T4 DB66C3DSG2	-	14	-	10	B	40°C	Yes	\$4,063
14977578	CFW500 B 16P0 T4 DB66C3DSG2	-	16	-	10	B	40°C	Yes	\$4,648
14978440	CFW500 B 24P0 T4 DB66C3DSG2	-	24	-	15	B	40°C	Yes	\$6,009
14978618	CFW500 B 31P0 T4 DB66C3DSG2	-	31	-	20	B	40°C	Yes	\$7,050
16906224	CFW500 C 39P0 T4 DB66C3DSG2	45	39	30	25	C	40°C	Yes	\$9,079
16906335	CFW500 C 49P0 T4 DB66C3DSG2	59.2	49	40	30	C	40°C	Yes	\$11,123

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

Variable Frequency Drives

CFW500 IP66 - Standard (without plug-in module) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
575V - 3AC									
14978623	CFW500 B 01P7 T5 DB66H00	-	1.7	-	1	B	40°C	Yes	\$1,968
14978710	CFW500 B 03P0 T5 DB66H00	-	3	-	2	B	40°C	Yes	\$2,080
14978916	CFW500 B 04P3 T5 DB66H00	-	4.3	-	3	B	40°C	Yes	\$2,371
14979080	CFW500 B 07P0 T5 DB66H00	-	7	-	5	B	40°C	Yes	\$2,674
14979217	CFW500 B 10P0 T5 DB66H00	-	10	-	7.5	B	40°C	Yes	\$2,962
14979330	CFW500 B 12P0 T5 DB66H00	-	12	-	10	B	40°C	Yes	\$3,345

CFW500 IP66 - Standard (with IOS plug-in module built-in) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
575V - 3AC									
14978625	CFW500 B 01P7 T5 DB66	-	1.7	-	1	B	40°C	Yes	\$2,142
14978713	CFW500 B 03P0 T5 DB66	-	3	-	2	B	40°C	Yes	\$2,252
14978917	CFW500 B 04P3 T5 DB66	-	4.3	-	3	B	40°C	Yes	\$2,544
14979081	CFW500 B 07P0 T5 DB66	-	7	-	5	B	40°C	Yes	\$2,847
14979250	CFW500 B 10P0 T5 DB66	-	10	-	7.5	B	40°C	Yes	\$3,136
14979331	CFW500 B 12P0 T5 DB66	-	12	-	10	B	40°C	Yes	\$3,519

CFW500 IP66 DS - Standard (without plug-in module) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
575V - 3AC									
14978659	CFW500 B 01P7 T5 DB66DSH00	-	1.7	-	1	B	40°C	Yes	\$2,215
14978913	CFW500 B 03P0 T5 DB66DSH00	-	3	-	2	B	40°C	Yes	\$2,338
14979078	CFW500 B 04P3 T5 DB66DSH00	-	4.3	-	3	B	40°C	Yes	\$2,663
14979082	CFW500 B 07P0 T5 DB66DSH00	-	7	-	5	B	40°C	Yes	\$3,001
14979252	CFW500 B 10P0 T5 DB66DSH00	-	10	-	7.5	B	40°C	Yes	\$3,323
14979333	CFW500 B 12P0 T5 DB66DSH00	-	12	-	10	B	40°C	Yes	\$3,749

CFW500 IP66 DS - Standard (with IOS plug-in module built-in) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
575V - 3AC									
14978664	CFW500 B 01P7 T5 DB66DS	-	1.7	-	1	B	40°C	Yes	\$2,389
14978915	CFW500 B 03P0 T5 DB66DS	-	3	-	2	B	40°C	Yes	\$2,512
14979079	CFW500 B 04P3 T5 DB66DS	-	4.3	-	3	B	40°C	Yes	\$2,837
14979177	CFW500 B 07P0 T5 DB66DS	-	7	-	5	B	40°C	Yes	\$3,173
14979256	CFW500 B 10P0 T5 DB66DS	-	10	-	7.5	B	40°C	Yes	\$3,496
14979335	CFW500 B 12P0 T5 DB66DS	-	12	-	10	B	40°C	Yes	\$3,923

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - Accessories

Part Number	Product	Description	List Price
14741859	CFW500-IOS	IOS standard I/O expansion module	\$174
13989716	CFW500-IOS-PNP	IOS PNP I/O expansion module	\$174
14742006	CFW500-IOD	IOD expansion module	\$223
14742129	CFW500-IOAD	IOAD expansion module	\$287
14968050	CFW500-IOR-B	IOR expansion module	\$196
17407175	CFW500-IOR-B-PNP	IOR PNP expansion module	\$196
14742001	CFW500-CUSB	USB communication module + Cable	\$333
14741999	CFW500-CCAN	CAN interface module (CANopen/DeviceNet)	\$219
14742005	CFW500-CRS232	RS-232 serial communication module (Modbus-RTU)	\$219
15353140	CFW500-CRS485-B	RS-485 serial communication module (Modbus-RTU)	\$227
14742131	CFW500-CPDP	Profibus DP & DP-V1 interface module (DB9 connector)	\$637
12443605	CFW500-CPDP2 ⁽¹⁾	Profibus DP & DP-V1 interface module (terminal block connector)	\$637
12892815	CFW500-CEMB-TCP	Modbus TCP communication module	\$785
12892816	CFW500-CEPN-IO	Profinet/IO communication module	\$785
12892814	CFW500-CETH-IP	Ethernet/IP communication module	\$785
17170404	CFW500-CETH2	Ethernet/IP dual port communication module	\$920
12619000	CFW500-ENC	Encoder module	\$328
15560296	CFW500-SFY2	Safety Functions Module - STO and SS1-t (for CFW500 G2 version)	\$189
11636485	CFW500-MMF	Flash memory module	\$300
11833992	CFW500-HMIR	Remote keypad	\$267
15578295	HMI-01	Alphanumeric remote HMI for CFW500 G2 (for CFW500 G2 version)	\$326
15578297	CFW500-RHMIF	Frame for Alphanumeric HMI (IP56)	\$42
12330016	CFW500-CCHMIR01M	1m (3.3ft) cable for remote Standard or Alphanumeric HMI (Keypad)	\$38
12330459	CFW500-CCHMIR02M	2m (6.6ft) cable for remote Standard or Alphanumeric HMI (Keypad)	\$50
12330460	CFW500-CCHMIR03M	3m (10ft) cable for remote Standard or Alphanumeric HMI (Keypad)	\$66
12330461	CFW500-CCHMIR05M	5m (16ft) cable for remote Standard or Alphanumeric HMI (Keypad)	\$81
12330462	CFW500-CCHMIR75M	7.5m (25ft) cable for remote Standard or Alphanumeric HMI (Keypad)	\$98
12330463	CFW500-CCHMIR10M	10m (33ft) cable for remote Standard or Alphanumeric HMI (Keypad)	\$114
11527460	CFW500-KN1A	NEMA 1 kit – frame size A (standard for N1)	\$46
11527459	CFW500-KN1B	NEMA 1 kit – frame size B (standard for N1)	\$54
12133824	CFW500-KN1C	NEMA 1 kit – frame size C (standard for N1)	\$71
12692970	CFW500-KN1D	NEMA 1 kit – frame size D (standard for N1)	\$93
13104601	CFW500-KN1E	NEMA 1 kit – frame size E (standard for N1)	\$101
14601107	CFW500-KN1F	NEMA 1 kit – frame size F (standard for N1)	\$220
15461789	CFW500-KN1G	NEMA 1 kit – frame size G (standard for N1)	\$288
11951056	CFW500-KPCSA	Power cables shielding kit – frame size A (standard for RFI Filter VSDs)	\$61
11951108	CFW500-KPCSB	Power cables shielding kit – frame size B (standard for RFI Filter VSDs)	\$71
12133826	CFW500-KPCSC	Power cables shielding kit – frame size C (standard for RFI Filter VSDs)	\$74
12692971	CFW500-KPCSD	Power cables shielding kit – frame size D (standard for RFI Filter VSDs)	\$81
13055389	CFW500-KPCSE	Power cables shielding kit – frame size E (standard for RFI Filter VSDs)	\$101
14601158	CFW500-KPCSF	Power cables shielding kit – frame size F (standard for RFI Filter VSDs)	\$185
15461788	CFW500-KPCSG	Power cables shielding kit – frame size G (standard for RFI Filter VSDs)	\$241
15614039	CFW500-KAPGM	PG21 to M25 Adapter (for CFW500 IP66)	\$42
Solar Drive Accessories⁽³⁾			
14987105	CFW500-KDS	Voltage divider kit for connection of the solar radiation detector panel ⁽²⁾	\$277

(1) Recommended Profibus DP & DP-V1 interface module for IP66 / NEMA Type 4X models

(2) The irradiation solar panel detector is not a part of the kit. Please, consult the CFW500-KDS manual for more information

(3) Frames F and G are also available to be used as a Solar Drive. In such case, please consult you market coordinator

The CFW11 series is the product applicable on more demanding applications, where high performance needs to be accomplished. Among the big variety of applications the CFW11 can meet, the ones below can be highlighted: Winders, Rewinders, Pumping System, Master-Slave in Position and Speed.



- Certifications:



Technical data:

- Single and three-phase power supply.
- Voltage range: 200-240Vac for single-phase models.
200-240Vac, 380-480Vac or 500-690Vac for three-phase models.
- Current / Power range: up to 1141Amps / 650kW (800HP)
- Control mode: scalar (V/Hz), open loop vector sensorless and closed loop with encoder.
- Switching frequency: 2, 2.5, 5 or 10kHz
- Overload capacity: Normal Duty (ND) = 110% for 60sec every 10min
Heavy Duty (HD) = 150% for 60sec every 10min
- Degree of protection: IP20 and IP55
- Operating temperature: -10 to 50°C (14 to 122°F) for frame sizes A,B,C and D.
-10 to 45°C (14 to 113°F) for frame Size E, F and G models
-10 to 40°C (14 to 104°F) for frame Size G (720A) and H models
possible to operate on higher temperatures with current derating (Check the user's manual)
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 95% non-condensing.
- Integrated brake chopper up to frame size D. Built-in option for frame size E.
- DC link inductors (excepting on frame size "H")
- Built-in PID controller.
- Flash memory
- Local graphic keypad with backlight and real-time clock supplied as standard.
- USB Connection;
- Soft-PLC

- I/O connections:

	Std	IOA-01	IOB-01	IOC-01***	IOC-02***	IOC-03***	PLC11-01	PLC11-02
Digital inputs	6	2	2	8	8	8	9	4
Digital outputs	-	2	2	-	8	7	3	3
Relay outputs	3	-	-	4	-	-	3	1
Analog inputs	2	1	2 *	-	-	-	1	-
Analog outputs	2	2	2 **	-	-	-	2	-

(*) Isolated inputs.

(**) Are the same 2 standard CFW11 inputs, but the IOB-01 transforms the 2 non-isolated AOs into isolated AOs.

(***) IOs configured/enabled exclusively through the SoftPLC.

- Fieldbus:

RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DPV1		Profinet	CANopen	DeviceNet	EtherNet/IP	Profinet S2	EtherCAT	BACnet
NA	NA	RS485-01 or RS485-05 CAN/RS485-01 RS232-01 or RS232-05	MODBUSTCP-05 MODBUSTCP-2P-05	PROFDP-05	PROFIBUS DP-01	PROFINETIO-05	CAN/RS485-01 CAN-01	DEVICENET-05 CAN/RS485-01 CAN-01	ETHERNET/IP-05 ETHERNETIP-2P-05	PROFINET-S2/MA0-05	ETHERCAT-01	RS485-01 CAN/RS485-01 (special firmware)

Accessories:

- IP21 / NEMA1 kits.
- I/O Expansion Modules
- Temperature Transducers Modules (for PTC, PT100 and KTY)
- Encoder Modules
- Communication Modules
- Remote keypad kit

Built-in Optionals:

- External +24Vdc power supply for control board
- RFI filter - Cat. C3
- Safe Torque Off (STO) function in accordance with EN ISO 13849-1 (Cat. 3 / PL d) and IEC 62061 / IEC 61508 (SIL 2)

Special versions:

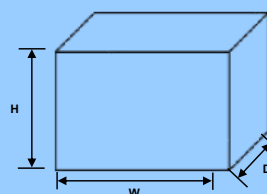
- Common / DC Bus Version (without input rectifier bridge)
- IP55 enclosure

Special Functions:

- Lifting/hoisting
- Surface winder
- Multipump

CFW11													
Industrial and System Variable Speed Drive													
Product and Series	Model Identification			Product version	Degree of Protection	Keypad	Braking	Conducted Emission Level	Safety	External power supply for control	Special hardware version	Special firmware version	End of Code
	Rated current	No. of phases power supply	Rated voltage										
CFW11	0003	T	4	S	-	-	-	-	-	-	-	-	Z
CFW11	0003 = 3.6 ... 1141 = 1141	S = single-phase B = single/three-phase T = three-phase 2 = 200...240V 4 = 380...480V 5 = 500...600V 6 = 500...690V S = Standard O = with additional option Blank = Standard 21 = IP21 (only frame size D) N1 = Nema1 Enclosure (only frame sizes A, B, D and E) 55 = IP55 Blank = Standard IC = No keypad (blind cover) Blank = Standard (for 200-240V and 380-480V) DB = With braking chopper (for 200-240V and 380-480V) NB = Without braking chopper (for 500-600V and 500-690V) Blank = Standard without RFI filter (Frames A-D for 200-240V and 380-480V) FA = With RFI filter (Frames A-D for 200-240V and 380-480V) Blank = With RFI filter (Frames E-H for 200-240V and 380-480V) Blank = With RFI filter (All frames for 500-600V and 500-690V) NF = Without RFI filter (All frames for 500-600V and 500-690V) Blank = without STO function Y = with STO function Blank = without External Power supply board W = Control circuit is supplied through an external 24V power supply Blank = Standard DS = With built-in switch disconnector (IP55 models only) H1 = Special hardware DC = Common / DC Bus Version (without input rectifier bridge) Blank = Standard S1 = Special firmware Z											

- Dimensions and weight (without packaging):				
IP20				
Frame size	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lbs)
A	270 (10.63)	145 (5.71)	227 (8.94)	6.3 (13.89)
B	316 (12.44)	190 (7.48)	227 (8.94)	10.4 (22.93)
C	405 (15.94)	220 (8.66)	293 (11.54)	20.5 (45.19)
D	550 (21.65)	300 (11.81)	305 (12.01)	32.6 (71.87)
E	675 (26.57)	335 (13.19)	358 (14.09)	65 (143.30)
F	1234 (48.58)	430 (16.93)	360 (14.17)	168 (568.79)
G	1264 (49.76)	535 (21.06)	426 (16.77)	258 (568.79)
H	1414 (55.67)	686 (27.01)	421 (16.57)	281 (485.02)
NEMA12 / IP55				
B	529 (20.83)	273 (10.75)	279 (10.98)	17 (37.48)
C	670 (26.38)	307 (12.09)	348 (13.70)	30 (66.14)
D	754 (29.69)	375 (14.76)	301 (11.85)	49 (108.03)
E	1000 (39.37)	430 (16.93)	389 (15.31)	96 (211.41)



Variable Speed Drives

CFW11 - Standard - 200~240V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1 or 3AC									
10574692	NA CFW11 0006 B2 SZ	6	5	1.5	1	A	50°C	Yes	\$2,337
10574693	NA CFW11 0007 B2 SZ	7	7	2	2	A	50°C	Yes	\$2,358
230V - 1AC									
10574694	NA CFW11 0010 S2 SZ	10	10	3	3	A	50°C	Yes	\$2,452
230V - 3AC									
10574695	NA CFW11 0007 T2 SZ	7	5.5	2	1	A	50°C	Yes	\$1,969
10574696	NA CFW11 0010 T2 SZ	10	8	3	2	A	50°C	Yes	\$2,280
10574697	NA CFW11 0013 T2 SZ	13	11	3	3	A	50°C	Yes	\$2,384
10574698	NA CFW11 0016 T2 SZ	16	13	5	3	A	50°C	Yes	\$2,835
10574699	NA CFW11 0024 T2 SZ	24	20	7.5	5	B	50°C	Yes	\$3,357
10574700	NA CFW11 0028 T2 SZ	28	24	10	7.5	B	50°C	Yes	\$3,490
10574701	NA CFW11 0033 T2 SZ	33.5	28	10	10	B	50°C	Yes	\$4,029
10574702	NA CFW11 0045 T2 SZ	45	36	15	10	C	50°C	Yes	\$4,541
10574703	NA CFW11 0054 T2 SZ	54	45	20	15	C	50°C	Yes	\$5,476
10574704	NA CFW11 0070 T2 SZ	70	56	25	20	C	50°C	Yes	\$6,433
10574705	NA CFW11 0086 T2 SZ	86	70	30	25	D	50°C	Yes	\$8,369
10574706	NA CFW11 0105 T2 SZ	105	86	40	30	D	50°C	Yes	\$10,805
11128842	NA CFW11 0142 T2 SZ	142	115	50	40	E	45°C	No	\$14,797
11128843	NA CFW11 0180 T2 SZ	180	142	60	50	E	45°C	No	\$19,040
11128844	NA CFW11 0211 T2 SZ	211	180	75	60	E	45°C	No	\$24,168

CFW11 - with STO - 200~240V

230V - 1 or 3AC									
12104868	NA CFW11 0006 B2 OYZ	6	5	1.5	1	A	50°C	Yes	\$2,733
12104874	NA CFW11 0007 B2 OYZ	7	7	2	2	A	50°C	Yes	\$2,759
230V - 1AC									
12104875	NA CFW11 0010 S2 OYZ	10	10	3	3	A	50°C	Yes	\$2,869
230V - 3AC									
11873895	NA CFW11 0007 T2 OYZ	7	5.5	2	1	A	50°C	Yes	\$2,303
11873896	NA CFW11 0010 T2 OYZ	10	8	3	2	A	50°C	Yes	\$2,666
11873897	NA CFW11 0013 T2 OYZ	13	11	3	3	A	50°C	Yes	\$2,790
11873988	NA CFW11 0016 T2 OYZ	16	13	5	3	A	50°C	Yes	\$3,317
11873996	NA CFW11 0024 T2 OYZ	24	20	7.5	5	B	50°C	Yes	\$3,693
11873997	NA CFW11 0028 T2 OYZ	28	24	10	7.5	B	50°C	Yes	\$3,839
11874068	NA CFW11 0033 T2 OYZ	33.5	28	10	10	B	50°C	Yes	\$4,431
11874074	NA CFW11 0045 T2 OYZ	45	36	15	10	C	50°C	Yes	\$4,905
11874075	NA CFW11 0054 T2 OYZ	54	45	20	15	C	50°C	Yes	\$5,915
11874076	NA CFW11 0070 T2 OYZ	70	56	25	20	C	50°C	Yes	\$6,947
11874182	NA CFW11 0086 T2 OYZ	86	70	30	25	D	50°C	Yes	\$8,787
11874185	NA CFW11 0105 T2 OYZ	105	86	40	30	D	50°C	Yes	\$11,344
11874229	NA CFW11 0142 T2 OYZ	142	115	50	40	E	45°C	No	\$15,685
11874230	NA CFW11 0180 T2 OYZ	180	142	60	50	E	45°C	No	\$20,183
11874231	NA CFW11 0211 T2 OYZ	211	180	75	60	E	45°C	No	\$25,617

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - Standard - 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
460V - 3AC									
10574707	NA CFW11 0003 T4 SZ	3.6	3.6	2	2	A	50°C	Yes	\$2,135
10574708	NA CFW11 0005 T4 SZ	5	5	3	3	A	50°C	Yes	\$2,333
10574709	NA CFW11 0007 T4 SZ	7	5.5	3	3	A	50°C	Yes	\$2,370
10574710	NA CFW11 0010 T4 SZ	10	10	5	5	A	50°C	Yes	\$2,488
10574711	NA CFW11 0013 T4 SZ	13.5	11	7.5	7.5	A	50°C	Yes	\$2,785
10574712	NA CFW11 0017 T4 SZ	17	13.5	10	7.5	B	50°C	Yes	\$3,489
10574713	NA CFW11 0024 T4 SZ	24	19	15	10	B	50°C	Yes	\$4,200
10574714	NA CFW11 0031 T4 SZ	31	25	20	15	B	50°C	Yes	\$5,207
10574715	NA CFW11 0038 T4 SZ	38	33	25	20	C	50°C	Yes	\$5,894
10574716	NA CFW11 0045 T4 SZ	45	38	30	25	C	50°C	Yes	\$7,396
10574717	NA CFW11 0058 T4 SZ	58.5	47	40	30	C	50°C	Yes	\$9,319
10574718	NA CFW11 0070 T4 SZ	70.5	61	50	40	D	50°C	Yes	\$10,359
10574719	NA CFW11 0088 T4 SZ	88	73	60	50	D	50°C	Yes	\$12,190
11128846	NA CFW11 0105 T4 SZ	105	88	75	60	E	45°C	No	\$13,475
11128878	NA CFW11 0142 T4 SZ	142	115	100	75	E	45°C	No	\$16,133
11128879	NA CFW11 0180 T4 SZ	180	142	150	100	E	45°C	No	\$21,109
11128880	NA CFW11 0211 T4 SZ	211	180	150	150	E	45°C	No	\$25,057
11411159	NA CFW11 0242 T4 SZ	242	211	200	150	F	45°C	No	\$28,795
11411161	NA CFW11 0312 T4 SZ	312	242	250	200	F	45°C	No	\$32,601
11411164	NA CFW11 0370 T4 SZ	370	312	300	250	F	45°C	No	\$36,063
11411165	NA CFW11 0477 T4 SZ	477	370	400	300	F	45°C	No	\$42,750
11411198	NA CFW11 0515 T4 SZ	515	477	450	400	G	45°C	No	\$48,784
11411199	NA CFW11 0601 T4 SZ	601	515	500	450	G	45°C	No	\$56,206
11411201	NA CFW11 0720 T4 SZ	720	560	600	450	G	40°C	No	\$62,004
13786052	NA CFW11 0760 T4 OYZ	760	600	600	500	G	40°C	No	\$66,325
13107481	NA CFW11 0795 T4 OYZ	795	637	700	500	H	40°C	No	\$68,025
13107729	NA CFW11 0877 T4 OYZ	877	715	700	600	H	40°C	No	\$75,914
13107731	NA CFW11 1062 T4 OYZ	1062	855	800	700	H	40°C	No	\$90,099
13107735	NA CFW11 1141 T4 OYZ	1141	943	800	700	H	40°C	No	\$103,095

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

Variable Speed Drives

CFW11 - with STO - 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	Gross Price
		ND	HD	ND	HD				
		A		HP					
460V - 3AC									
11873990	NA CFW11 0003 T4 OYZ	3.6	3.6	2	2	A	50°C	Yes	\$2,498
11873991	NA CFW11 0005 T4 OYZ	5	5	3	3	A	50°C	Yes	\$2,730
11873993	NA CFW11 0007 T4 OYZ	7	5.5	3	3	A	50°C	Yes	\$2,772
11873994	NA CFW11 0010 T4 OYZ	10	10	5	5	A	50°C	Yes	\$2,909
11873995	NA CFW11 0013 T4 OYZ	13.5	11	7.5	7.5	A	50°C	Yes	\$3,258
11874070	NA CFW11 0017 T4 OYZ	17	13.5	10	7.5	B	50°C	Yes	\$3,838
11874071	NA CFW11 0024 T4 OYZ	24	19	15	10	B	50°C	Yes	\$4,619
11874072	NA CFW11 0031 T4 OYZ	31	25	20	15	B	50°C	Yes	\$5,728
11874178	NA CFW11 0038 T4 OYZ	38	33	25	20	C	50°C	Yes	\$6,365
11874179	NA CFW11 0045 T4 OYZ	45	38	30	25	C	50°C	Yes	\$7,988
11874180	NA CFW11 0058 T4 OYZ	58.5	47	40	30	C	50°C	Yes	\$10,065
11874186	NA CFW11 0070 T4 OYZ	70.5	61	50	40	D	50°C	Yes	\$10,878
11874187	NA CFW11 0088 T4 OYZ	88	73	60	50	D	50°C	Yes	\$12,800
11874233	NA CFW11 0105 T4 OYZ	105	88	75	60	E	45°C	No	\$14,149
11874235	NA CFW11 0142 T4 OYZ	142	115	100	75	E	45°C	No	\$16,940
11874330	NA CFW11 0180 T4 OYZ	180	142	150	100	E	45°C	No	\$22,164
11874331	NA CFW11 0211 T4 OYZ	211	180	150	150	E	45°C	No	\$26,311
11874332	NA CFW11 0242 T4 OYZ	242	211	200	150	F	45°C	No	\$30,234
11874334	NA CFW11 0312 T4 OYZ	312	242	250	200	F	45°C	No	\$34,230
11874335	NA CFW11 0370 T4 OYZ	370	312	300	250	F	45°C	No	\$37,867
11874336	NA CFW11 0477 T4 OYZ	477	370	400	300	F	45°C	No	\$44,888
11874337	NA CFW11 0515 T4 OYZ	515	477	450	400	G	45°C	No	\$51,223
11874388	NA CFW11 0601 T4 OYZ	601	515	500	450	G	45°C	No	\$59,016
11874390	NA CFW11 0720 T4 OYZ	720	560	600	450	G	40°C	No	\$62,766
13786052	NA CFW11 0760 T4 OYZ	760	600	600	500	G	40°C	No	\$66,325
13107481	NA CFW11 0795 T4 OYZ	795	637	700	500	H	40°C	No	\$68,025
13107729	NA CFW11 0877 T4 OYZ	877	715	700	600	H	40°C	No	\$75,914
13107731	NA CFW11 1062 T4 OYZ	1062	855	800	700	H	40°C	No	\$90,099
13107735	NA CFW11 1141 T4 OYZ	1141	943	800	700	H	40°C	No	\$103,095

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

Variable Speed Drives

CFW11 - NEMA1 - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1 or 3AC									
10574720	NA CFW11 0006 B2 ON1Z	6	5	1.5	1	A	50°C	Yes	\$2,445
10574721	NA CFW11 0007 B2 ON1Z	7	7	2	2	A	50°C	Yes	\$2,467
230V - 1AC									
10574722	NA CFW11 0010 S2 ON1Z	10	10	3	3	A	50°C	Yes	\$2,561
230V - 3AC									
10574723	NA CFW11 0007 T2 ON1Z	7	5.5	2	1	A	50°C	Yes	\$2,077
10574724	NA CFW11 0010 T2 ON1Z	10	8	3	2	A	50°C	Yes	\$2,388
10574725	NA CFW11 0013 T2 ON1Z	13	11	3	3	A	50°C	Yes	\$2,493
10574726	NA CFW11 0016 T2 ON1Z	16	13	5	3	A	50°C	Yes	\$2,945
10574727	NA CFW11 0024 T2 ON1Z	24	20	7.5	5	B	50°C	Yes	\$3,485
10574728	NA CFW11 0028 T2 ON1Z	28	24	10	7.5	B	50°C	Yes	\$3,618
10574729	NA CFW11 0033 T2 ON1Z	33.5	28	10	10	B	50°C	Yes	\$4,158
10574730	NA CFW11 0045 T2 ON1Z	45	36	15	10	C	50°C	Yes	\$4,690
10574731	NA CFW11 0054 T2 ON1Z	54	45	20	15	C	50°C	Yes	\$5,624
10574732	NA CFW11 0070 T2 ON1Z	70	56	25	20	C	50°C	Yes	\$6,580
10574705	NA CFW11 0086 T2 SZ	86	70	30	25	D	50°C	Yes	\$8,369
10574706	NA CFW11 0105 T2 SZ	105	86	40	30	D	50°C	Yes	\$10,805
11128905	NA CFW11 0142 T2 ON1Z	142	115	50	40	E	45°C	No	\$14,898
11128907	NA CFW11 0180 T2 ON1Z	180	142	60	50	E	45°C	No	\$19,316
11128946	NA CFW11 0211 T2 ON1Z	211	180	75	60	E	45°C	No	\$24,443
460V - 3AC									
10574733	NA CFW11 0003 T4 ON1Z	3.6	3.6	2	2	A	50°C	Yes	\$2,244
10574734	NA CFW11 0005 T4 ON1Z	5	5	3	3	A	50°C	Yes	\$2,442
10574735	NA CFW11 0007 T4 ON1Z	7	5.5	3	3	A	50°C	Yes	\$2,478
10574736	NA CFW11 0010 T4 ON1Z	10	10	5	5	A	50°C	Yes	\$2,597
10574737	NA CFW11 0013 T4 ON1Z	13.5	11	7.5	7.5	A	50°C	Yes	\$2,893
10574738	NA CFW11 0017 T4 ON1Z	17	13.5	10	7.5	B	50°C	Yes	\$3,616
10574739	NA CFW11 0024 T4 ON1Z	24	19	15	10	B	50°C	Yes	\$4,329
10574740	NA CFW11 0031 T4 ON1Z	31	25	20	15	B	50°C	Yes	\$5,336
10574741	NA CFW11 0038 T4 ON1Z	38	33	25	20	C	50°C	Yes	\$6,042
10574742	NA CFW11 0045 T4 ON1Z	45	38	30	25	C	50°C	Yes	\$7,543
10574743	NA CFW11 0058 T4 ON1Z	58.5	47	40	30	C	50°C	Yes	\$9,466
10574718	NA CFW11 0070 T4 SZ	70.5	61	50	40	D	50°C	Yes	\$10,359
10574719	NA CFW11 0088 T4 SZ	88	73	60	50	D	50°C	Yes	\$12,190
11128979	NA CFW11 0105 T4 ON1Z	105	88	75	60	E	45°C	No	\$13,577
11128980	NA CFW11 0142 T4 ON1Z	142	115	100	75	E	45°C	No	\$16,234
11128981	NA CFW11 0180 T4 ON1Z	180	142	150	100	E	45°C	No	\$21,385
11128984	NA CFW11 0211 T4 ON1Z	211	180	150	150	E	45°C	No	\$25,333

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

NEMA1 Version:

NEMA1 / IP21: Frame size A, B, C and E

NEMA1 / IP20: Frame size D

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - NEMA1 & STO - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 3AC									
12104891	NA CFW11 0024 T2 ON1YZ	24	20	7.5	5	B	50°C	Yes	\$3,821
12104892	NA CFW11 0028 T2 ON1YZ	28	24	10	7.5	B	50°C	Yes	\$3,968
12104893	NA CFW11 0033 T2 ON1YZ	33.5	28	10	10	B	50°C	Yes	\$4,560
12105024	NA CFW11 0045 T2 ON1YZ	45	36	15	10	C	50°C	Yes	\$5,053
12105026	NA CFW11 0054 T2 ON1YZ	54	45	20	15	C	50°C	Yes	\$6,061
12105048	NA CFW11 0070 T2 ON1YZ	70	56	25	20	C	50°C	Yes	\$7,095
11874182	NA CFW11 0086 T2 OYZ	86	70	30	25	D	50°C	Yes	\$8,787
11874185	NA CFW11 0105 T2 OYZ	105	86	40	30	D	50°C	Yes	\$11,344
12105049	NA CFW11 0142 T2 ON1YZ	142	115	50	40	E	45°C	No	\$15,775
12105051	NA CFW11 0180 T2 ON1YZ	180	142	60	50	E	45°C	No	\$20,461
12105052	NA CFW11 0211 T2 ON1YZ	211	180	75	60	E	45°C	No	\$25,896
460V - 3AC									
12105053	NA CFW11 0017 T4 ON1YZ	17	13.5	10	7.5	B	50°C	Yes	\$3,965
12105055	NA CFW11 0024 T4 ON1YZ	24	19	15	10	B	50°C	Yes	\$4,749
12105098	NA CFW11 0031 T4 ON1YZ	31	25	20	15	B	50°C	Yes	\$5,855
12105099	NA CFW11 0038 T4 ON1YZ	38	33	25	20	C	50°C	Yes	\$6,513
12105100	NA CFW11 0045 T4 ON1YZ	45	38	30	25	C	50°C	Yes	\$8,135
12105101	NA CFW11 0058 T4 ON1YZ	58.5	47	40	30	C	50°C	Yes	\$10,210
11874186	NA CFW11 0070 T4 OYZ	70.5	61	50	40	D	50°C	Yes	\$10,878
11874187	NA CFW11 0088 T4 OYZ	88	73	60	50	D	50°C	Yes	\$12,800
12105103	NA CFW11 0105 T4 ON1YZ	105	88	75	60	E	45°C	No	\$14,820
12105104	NA CFW11 0142 T4 ON1YZ	142	115	100	75	E	45°C	No	\$17,858
12105105	NA CFW11 0180 T4 ON1YZ	180	142	150	100	E	45°C	No	\$23,865
12105106	NA CFW11 0211 T4 ON1YZ	211	180	150	150	E	45°C	No	\$28,044

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

NEMA1 Version:

NEMA1 / IP21: Frame size B, C and E

NEMA1 / IP20: Frame size D

Frame size A with STO function is not available in NEMA 1 version.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - Dynamic Braking Transistor and RFI filter - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 3AC									
11129517	NA CFW11 0142 T2 ON1DBZ	142	115	50	150	E	45°C	Yes	\$15,808
11129588	NA CFW11 0180 T2 ON1DBZ	180	142	60	175	E	45°C	Yes	\$20,598
11129589	NA CFW11 0211 T2 ON1DBZ	211	180	75	200	E	45°C	Yes	\$26,135
460V - 3AC									
11129590	NA CFW11 0105 T4 ON1DBZ	105	88	75	60	E	45°C	Yes	\$14,934
11129591	NA CFW11 0142 T4 ON1DBZ	142	115	100	75	E	45°C	Yes	\$17,858
11129595	NA CFW11 0180 T4 ON1DBZ	180	142	150	100	E	45°C	Yes	\$24,265
11129596	NA CFW11 0211 T4 ON1DBZ	211	180	150	150	E	45°C	Yes	\$28,559

CFW11 - Special Hardware with DC voltage feeding - 380~480V

460V - 3AC									
Under request	CFW11 0105 T4 ODCZ	105	88	75	60	E	45°C	No	Price upon request
Under request	CFW11 0142 T4 ODCZ	142	115	100	75	E	45°C	No	
Under request	CFW11 0180 T4 ODCZ	180	142	150	100	E	45°C	No	
Under request	CFW11 0211 T4 ODCZ	211	180	150	150	E	45°C	No	
Under request	CFW11 0242 T4 ODCZ	242	211	200	150	F	45°C	No	
Under request	CFW11 0312 T4 ODCZ	312	242	250	200	F	45°C	No	
Under request	CFW11 0370 T4 ODCZ	370	312	300	250	F	45°C	No	
Under request	CFW11 0477 T4 ODCZ	477	370	400	300	F	45°C	No	
Under request	CFW11 0515 T4 ODCZ	515	477	450	400	G	45°C	No	
Under request	CFW11 0601 T4 ODCZ	601	515	500	450	G	45°C	No	
Under request	CFW11 0720 T4 ODCZ	720	560	600	450	G	40°C	No	
Under request	CFW11 0760 T4 ODCZ	760	600	600	500	G	40°C	No	

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - Standard - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
575V - 3AC									
12394154	NA CFW11 0002 T5 ONFZ	2.9	2.7	2	2	B	50°C	Yes	\$2,801
12394157	NA CFW11 0004 T5 ONFZ	4.2	3.8	3	2	B	50°C	Yes	\$2,853
12394211	NA CFW11 0007 T5 ONFZ	7	6.4	5	5	B	50°C	Yes	\$3,112
12394213	NA CFW11 0010 T5 ONFZ	10	9	7.5	7.5	B	50°C	Yes	\$3,536
12394216	NA CFW11 0012 T5 ONFZ	12	10	10	7.5	B	50°C	Yes	\$4,087
12394248	NA CFW11 0017 T5 ONFZ	17	17	15	15	B	50°C	Yes	\$4,441
13111984	NA CFW11 0022 T5 ONFZ	22	19	20	15	C	50°C	Yes	\$5,900
13111985	NA CFW11 0027 T5 ONFZ	27	22	25	20	C	50°C	Yes	\$6,961
13111986	NA CFW11 0032 T5 ONFZ	32	27	30	25	C	50°C	Yes	\$8,064
13111987	NA CFW11 0044 T5 ONFZ	44	36	40	30	C	50°C	Yes	\$10,006
12394124	NA CFW11 0053 T6 ONBYZ	53	44	50	40	E	45°C	No	\$14,103
12394126	NA CFW11 0063 T6 ONBYZ	63	53	60	50	E	45°C	No	\$14,845
12394127	NA CFW11 0080 T6 ONBYZ	80	66	75	60	E	45°C	No	\$16,149
12394148	NA CFW11 0107 T6 ONBYZ	107	90	100	75	E	45°C	No	\$18,224
12394149	NA CFW11 0125 T6 ONBYZ	125	107	125	100	E	45°C	No	\$22,458
12394151	NA CFW11 0150 T6 ONBYZ	150	122	150	100	E	45°C	No	\$26,762
11994585	NA CFW11 0170 T6 OYZ	170	150	150	150	F	45°C	No	\$32,329
11994587	NA CFW11 0216 T6 OYZ	216	180	200	150	F	45°C	No	\$37,845
11994598	NA CFW11 0289 T6 OYZ	289	240	300	200	F	45°C	No	\$42,496
11994599	NA CFW11 0315 T6 OYZ	315	289	300	300	G	45°C	No	\$48,703
11994601	NA CFW11 0365 T6 OYZ	365	315	350	300	G	45°C	No	\$59,031
11994602	NA CFW11 0435 T6 OYZ	435	357	450	350	G	45°C	No	\$71,910
13786080	NA CFW11 0472 T6 OYZ	472	418	500	450	G	45°C	No	\$77,080
12800763	NA CFW11 0584 T6 OYZ	584	504	600	500	H	40°C	No	\$88,459
12800765	NA CFW11 0625 T6 OYZ	625	540	600	600	H	40°C	No	\$92,502
12800798	NA CFW11 0758 T6 OYZ	758	614	700	600	H	40°C	No	\$100,525
12800800	NA CFW11 0804 T6 OYZ	804	682	800	700	H	40°C	No	\$107,722

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

(4) T5 versions don't have CE mark

(5) The CFW11 584 T6 and CFW11 625 T6 models have ONE rectifier input bridge and the input reactor must be connected on the bridge. The CFW11 0758 T6 and CFW11 0804 T models have TWO rectifier input bridges, the input reactors must be connected one per bridge.

Variable Speed Drives

CFW11 - NEMA1 - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
575V - 3AC									
11995999	NA CFW11 0002 T5 ON1NFZ	2.9	2.7	2	2	B	50°C	Yes	\$2,928
11996002	NA CFW11 0004 T5 ON1NFZ	4.2	3.8	3	2	B	50°C	Yes	\$2,982
11996005	NA CFW11 0007 T5 ON1NFZ	7	6.4	5	5	B	50°C	Yes	\$3,240
11996006	NA CFW11 0010 T5 ON1NFZ	10	9	7.5	7.5	B	50°C	Yes	\$3,664
11996007	NA CFW11 0012 T5 ON1NFZ	12	10	10	7.5	B	50°C	Yes	\$4,217
11996058	NA CFW11 0017 T5 ON1NFZ	17	17	15	15	B	50°C	Yes	\$4,569
13107766	NA CFW11 0022 T5 ON1NFZ	22	19	20	15	C	50°C	Yes	\$6,046
13107778	NA CFW11 0027 T5 ON1NFZ	27	22	25	20	C	50°C	Yes	\$7,108
13107781	NA CFW11 0032 T5 ON1NFZ	32	27	30	25	C	50°C	Yes	\$8,212
13108091	NA CFW11 0044 T5 ON1NFZ	44	36	40	30	C	50°C	Yes	\$10,154
11990207	NA CFW11 0053 T6 ON1NBYZ	53	44	50	40	E	45°C	No	\$14,204
11990239	NA CFW11 0063 T6 ON1NBYZ	63	53	60	50	E	45°C	No	\$14,946
11990240	NA CFW11 0080 T6 ON1NBYZ	80	66	75	60	E	45°C	No	\$16,249
11990242	NA CFW11 0107 T6 ON1NBYZ	107	90	100	75	E	45°C	No	\$18,325
11990247	NA CFW11 0125 T6 ON1NBYZ	125	107	125	100	E	45°C	No	\$22,560
11990299	NA CFW11 0150 T6 ON1NBYZ	150	122	150	100	E	45°C	No	\$26,864

(1) T5 versions don't have CE mark

CFW11 - NEMA1 With STO and Dynamic Braking Transistor - 500~600V

575V - 3AC									
12381398	NA CFW11 0022 T6 OYZ	22	19	20	15	D	50°C	Yes	\$7,937
12381399	NA CFW11 0027 T6 OYZ	27	22	25	20	D	50°C	Yes	\$8,517
12381400	NA CFW11 0032 T6 OYZ	32	27	30	25	D	50°C	Yes	\$10,899
12381401	NA CFW11 0044 T6 OYZ	44	36	40	30	D	50°C	Yes	\$13,314
11990300	NA CFW11 0053 T6 ON1YZ	53	44	50	40	E	45°C	Yes	\$15,314
11994559	NA CFW11 0063 T6 ON1YZ	63	53	60	50	E	45°C	Yes	\$17,393
11994561	NA CFW11 0080 T6 ON1YZ	80	66	75	60	E	45°C	Yes	\$19,756
11994578	NA CFW11 0107 T6 ON1YZ	107	90	100	75	E	45°C	Yes	\$23,235
11994581	NA CFW11 0125 T6 ON1YZ	125	107	125	100	E	45°C	Yes	\$26,253
11994583	NA CFW11 0150 T6 ON1YZ	150	122	150	100	E	45°C	Yes	\$32,222

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(2) Motor power ratings are based on: WEG - NEC

(3) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - RFI filter & STO - 660~690V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size ⁽³⁾	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
690V - 3AC									
12381340	NA CFW11 0002 T6 OYZ	2.9	2.7	2	2	D	50°C	Yes	\$6,708
12381341	NA CFW11 0004 T6 OYZ	4.2	3.8	3	3	D	50°C	Yes	\$6,987
12381342	NA CFW11 0007 T6 OYZ	7	6.5	5	5	D	50°C	Yes	\$7,036
12381345	NA CFW11 0010 T6 OYZ	8.5	7	7.5	5	D	50°C	Yes	\$7,363
12381346	NA CFW11 0012 T6 OYZ	11	9	10	7.5	D	50°C	Yes	\$7,866
12381347	NA CFW11 0017 T6 OYZ	15	13	15	10	D	50°C	Yes	\$7,937
12381398	NA CFW11 0022 T6 OYZ	20	17	20	15	D	50°C	Yes	\$8,110
12381399	NA CFW11 0027 T6 OYZ	24	20	25	20	D	50°C	Yes	\$8,517
12381400	NA CFW11 0032 T6 OYZ	30	24	30	25	D	50°C	Yes	\$10,899
12381401	NA CFW11 0044 T6 OYZ	35	30	40	30	D	50°C	Yes	\$13,314
12381403	NA CFW11 0053 T6 OYZ	46	39	50	40	E	45°C	Yes	\$15,234
12381404	NA CFW11 0063 T6 OYZ	54	46	60	50	E	45°C	Yes	\$17,306
12382633	NA CFW11 0080 T6 OYZ	73	61	75	60	E	45°C	Yes	\$19,665
12382671	NA CFW11 0107 T6 OYZ	100	85	100	100	E	45°C	Yes	\$23,148
12382673	NA CFW11 0125 T6 OYZ	108	95	125	100	E	45°C	Yes	\$26,174
12382675	NA CFW11 0150 T6 OYZ	130	108	150	125	E	45°C	Yes	\$32,137
11994585	NA CFW11 0170 T6 OYZ	147	127	150	150	F	45°C	No	\$32,329
11994587	NA CFW11 0216 T6 OYZ	195	165	200	200	F	45°C	No	\$37,845
11994598	NA CFW11 0289 T6 OYZ	259	225	300	250	F	45°C	No	\$42,496
11994599	NA CFW11 0315 T6 OYZ	259	225	300	250	G	45°C	No	\$48,703
11994601	NA CFW11 0365 T6 OYZ	312	259	350	300	G	45°C	No	\$59,031
11994602	NA CFW11 0435 T6 OYZ	365	312	400	350	G	45°C	No	\$71,910
13786080	NA CFW11 0472 T6 OYZ	427	365	500	400	G	45°C	No	\$77,080
12800763	NA CFW11 0584 T6 OYZ	478	410	600	500	H	40°C	No	\$88,459
12800765	NA CFW11 0625 T6 OYZ	518	447	600	500	H	40°C	No	\$92,502
12800798	NA CFW11 0758 T6 OYZ	628	518	800	600	H	40°C	No	\$100,525
12800800	NA CFW11 0804 T6 OYZ	703	594	900	700	H	40°C	No	\$107,722

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

(4) The CFW11 584 T6 and CFW11 625 T6 models have ONE rectifier input bridge and the input reactor must be connected on the bridge. The CFW11 0758 T6 and CFW11 0804 T models have TWO rectifier input bridges, the input reactors must be connected one per bridge.

Variable Speed Drives

CFW11 - IP55 - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 3AC									
13535022	EU CFW11 0007 T2 O55Z	7	7	2	2	B	40°C	Yes	\$2,398
13535139	EU CFW11 0010 T2 O55Z	10	10	3	3	B	40°C	Yes	\$2,805
13536637	EU CFW11 0013 T2 O55Z	13	11	3	3	B	40°C	Yes	\$2,926
13536872	EU CFW11 0016 T2 O55Z	16	13	5	3	B	40°C	Yes	\$3,433
13537272	EU CFW11 0024 T2 O55Z	24	20	7.5	5	B	40°C	Yes	\$3,860
13537277	EU CFW11 0028 T2 O55Z	28	24	10	7.5	B	40°C	Yes	\$4,034
13537311	EU CFW11 0033 T2 O55Z	33.5	28	10	10	B	40°C	Yes	\$4,513
13537387	EU CFW11 0045 T2 O55Z	45	36	15	10	C	40°C	Yes	\$5,087
13537453	EU CFW11 0054 T2 O55Z	54	45	20	15	C	40°C	Yes	\$6,134
13537457	EU CFW11 0070 T2 O55Z	70	56	25	20	C	40°C	Yes	\$7,205
13537918	EU CFW11 0086 T2 O55Z	86	70	30	25	D	40°C	Yes	\$9,373
13537968	EU CFW11 0105 T2 O55Z	105	86	40	30	D	40°C	Yes	\$12,101
13541539	EU CFW11 0142 T2 O55Z	142	115	50	40	E	40°C	No	\$16,572
13541546	EU CFW11 0180 T2 O55Z	180	142	60	50	E	40°C	No	\$21,326
13541556	EU CFW11 0211 T2 O55Z	211	180	75	60	E	40°C	No	\$27,068
460V - 3AC									
13957014	EU CFW11 0003 T4 O55Z	3.6	3.6	2	2	B	40°C	Yes	\$2,600
13957015	EU CFW11 0005 T4 O55Z	5	5	3	3	B	40°C	Yes	\$2,891
13957108	EU CFW11 0007 T4 O55Z	7	5.5	3	3	B	40°C	Yes	\$2,990
13957442	EU CFW11 0010 T4 O55Z	10	10	5	5	B	40°C	Yes	\$3,181
13957443	EU CFW11 0013 T4 O55Z	13.5	11	7.5	7.5	B	40°C	Yes	\$3,595
13957444	EU CFW11 0017 T4 O55Z	17	13.5	10	7.5	B	40°C	Yes	\$4,297
13957446	EU CFW11 0024 T4 O55Z	24	19	15	10	B	40°C	Yes	\$5,175
13957447	EU CFW11 0031 T4 O55Z	31	25	20	15	B	40°C	Yes	\$6,415
13957478	EU CFW11 0038 T4 O55Z	38	33	25	20	C	40°C	Yes	\$7,129
13957479	EU CFW11 0045 T4 O55Z	45	38	30	25	C	40°C	Yes	\$8,947
13957482	EU CFW11 0058 T4 O55Z	58.5	47	40	30	C	40°C	Yes	\$11,271
13957484	EU CFW11 0070 T4 O55Z	70.5	61	50	40	D	40°C	Yes	\$12,183
13957485	EU CFW11 0088 T4 O55Z	88	73	60	50	D	40°C	Yes	\$14,336
13538100	EU CFW11 0105 T4 O55Z	105	88	75	60	E	40°C	No	\$15,846
13545096	EU CFW11 0142 T4 O55Z	142	105	100	75	E	40°C	No	\$18,972
13545192	EU CFW11 0180 T4 O55Z	180	142	150	100	E	40°C	No	\$24,824
13545196	EU CFW11 0211 T4 O55Z	211	180	150	150	E	40°C	No	\$29,467

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - IP55 & Disconnect Switch - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 3AC									
13535024	EU CFW11 0007 T2 O55DSZ	7	7	2	2	B	40°C	Yes	\$2,519
13535142	EU CFW11 0010 T2 O55DSZ	10	10	3	3	B	40°C	Yes	\$2,945
13536868	EU CFW11 0013 T2 O55DSZ	13	11	3	3	B	40°C	Yes	\$3,073
13536873	EU CFW11 0016 T2 O55DSZ	16	13	5	3	B	40°C	Yes	\$3,604
13537273	EU CFW11 0024 T2 O55DSZ	24	20	7.5	5	B	40°C	Yes	\$3,948
13537308	EU CFW11 0028 T2 O55DSZ	28	24	10	7.5	B	40°C	Yes	\$4,104
13537312	EU CFW11 0033 T2 O55DSZ	33.5	28	10	10	B	40°C	Yes	\$4,738
13537449	EU CFW11 0045 T2 O55DSZ	45	36	15	10	C	40°C	Yes	\$5,341
13537454	EU CFW11 0054 T2 O55DSZ	54	45	20	15	C	40°C	Yes	\$6,441
13537478	EU CFW11 0070 T2 O55DSZ	70	56	25	20	C	40°C	Yes	\$7,565
13537919	EU CFW11 0086 T2 O55DSZ	86	70	30	25	D	40°C	Yes	\$9,841
13537969	EU CFW11 0105 T2 O55DSZ	105	86	40	30	D	40°C	Yes	\$12,705
13541540	EU CFW11 0142 T2 O55DSZ	142	115	50	40	E	40°C	No	\$17,401
13541547	EU CFW11 0180 T2 O55DSZ	180	142	60	50	E	40°C	No	\$22,391
13541579	EU CFW11 0211 T2 O55DSZ	211	180	75	60	E	40°C	No	\$28,421
460V - 3AC									
13957487	EU CFW11 0003 T4 O55DSZ	3.6	3.6	2	2	B	40°C	Yes	\$2,731
13957529	EU CFW11 0005 T4 O55DSZ	5	5	3	3	B	40°C	Yes	\$2,943
13957530	EU CFW11 0007 T4 O55DSZ	7	5.5	3	3	B	40°C	Yes	\$3,109
13957532	EU CFW11 0010 T4 O55DSZ	10	10	5	5	B	40°C	Yes	\$3,240
13957533	EU CFW11 0013 T4 O55DSZ	13.5	11	7.5	7.5	B	40°C	Yes	\$3,703
13957534	EU CFW11 0017 T4 O55DSZ	17	13.5	10	7.5	B	40°C	Yes	\$4,512
13957536	EU CFW11 0024 T4 O55DSZ	24	19	15	10	B	40°C	Yes	\$5,434
13957537	EU CFW11 0031 T4 O55DSZ	31	25	20	15	B	40°C	Yes	\$6,736
13957588	EU CFW11 0038 T4 O55DSZ	38	33	25	20	C	40°C	Yes	\$7,486
13957589	EU CFW11 0045 T4 O55DSZ	45	38	30	25	C	40°C	Yes	\$9,393
13957590	EU CFW11 0058 T4 O55DSZ	58.5	47	40	30	C	40°C	Yes	\$11,836
13957592	EU CFW11 0070 T4 O55DSZ	70.5	61	50	40	D	40°C	Yes	\$12,792
13957593	EU CFW11 0088 T4 O55DSZ	88	73	60	50	D	40°C	Yes	\$15,053
13540820	EU CFW11 0105 T4 O55DSZ	105	88	75	60	E	40°C	No	\$16,639
13545097	EU CFW11 0142 T4 O55DSZ	142	105	100	75	E	40°C	No	\$19,921
13545193	EU CFW11 0180 T4 O55DSZ	180	142	150	100	E	40°C	No	\$26,065
13545197	EU CFW11 0211 T4 O55DSZ	211	180	150	150	E	40°C	No	\$30,940

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - Accessories

Part Number	Product	Slot	Description	List Price
Dynamic Braking				
10790788	DBW03 0380	-	External Dynamic Braking Module for sizes F and G (380A - 380~480V)	\$9,114
10794631	DBW03 0250	-	External Dynamic Braking Module for sizes F and G (250A - 500~690V)	\$8,862
13238895	DBW04 0380	-	External Dynamic Braking Module for size H (380A - 380~480V)	\$9,114
13166838	DBW04 0250	-	External Dynamic Braking Module for size H (250A - 500~690V)	\$8,862
I/O Expansion Modules				
11008162	IOA-01	1	IOA Module for CFW-11: 1 analog input (14 bits, voltage or current); 2 digital inputs; 2 analog outputs (14 bits, voltage or current); 2 digital outputs (open-collector).	\$1,628
11008099	IOB-01	1	IOB Module for CFW-11: 2 isolated analog inputs (12 bits, voltage or current); 2 digital inputs; 2 isolated analog outputs (11 bits, voltage or current); 2 digital outputs (open-collector).	\$869
11126674	IOC-01	1	IOC-01 Module for SoftPLC applications: 8 isolated digital inputs; 4 relay digital outputs (max. 240V / 1A)	\$649
11126730	IOC-02	1	IOC-02 Module for SoftPLC applications: 8 isolated digital inputs; 8 NPN type digital outputs	\$598
11820111	IOC-03	1	IOC-03 Module for SoftPLC applications: 8 isolated digital inputs; 7 PNP type digital outputs	\$596
Temperature Transducers Modules				
11126732	IOE-01	1	PTC temperature transducer (5 sensor inputs)	\$969
11126735	IOE-02	1	PT100 temperature transducer module (5 sensor inputs)	\$1,253
11126750	IOE-03	1	KTY84 temperature transducer module (5 sensor inputs)	\$1,253
Encoder Modules				
11008100	ENC-01	2	Incremental encoder module, 5 to 12 VDC at 100 kHz, with encoder signal repeater.	\$714
11008101	ENC-02	2	Incremental encoder module, 5 to 12 VDC at 100 kHz, without encoder signal repeater.	\$626
Communication Modules				
11008102	RS485-01	3	RS-485 serial communication module (Modbus-RTU)	\$329
11008103	RS232-01	3	RS-232C serial communication module (Modbus-RTU)	\$250
11008104	RS232-02	3	RS-232C serial communication module with DIP-switches for microcontroller's flash memory programming.	\$278
11008105	CAN/RS485-01	3	CAN and RS-485 communication module (CANopen / Modbus/DeviceNet)	\$702
11008106	CAN-01	3	CAN interface module (CANopen/DeviceNet)	\$586
11045488	PROFIBUS DP-01	3	Profibus DP-V1 interface module	\$793
11008107	PROFDP-05	4	Profibus DP-V1 interface module	\$1,761
11008158	DEVICENET-05	4	DeviceNet interface module	\$1,761
10933688	ETHERNET/IP-05	4	Ethernet/IP interface module - 1 Port	\$1,619
12272760	ETHERNETIP-2P-05	4	Ethernet/IP interface module - 2 Ports	\$2,003
14926615	ETHERCAT-05	4	EtherCAT interface module	\$2,107
11008160	RS232-05	4	RS-232 serial communication module (Modbus-RTU)	\$429
11008161	RS485-05	4	RS-485 serial communication module (Modbus-RTU)	\$516
11550476	MODBUSTCP-05	4	Modbus - TCP/IP interface module - 1 Port	\$1,619
14033951	MODBUSTCP-2P-05	4	Modbus - TCP/IP interface module - 2 Ports	\$2,957
11550548	PROFINETIO-05	4	Profinet interface module - 2 Ports	\$3,000
16323604	PROFINET-S2/M40-05	4	Profinet-S2/M40-05 interface module - 2 Ports	\$3,806
PLC Module				
11008911	PLC11-01	1 2 3	PLC functions; Ladder programming; electronic gear box; 9 digital inputs; 3 dry-contact digital outputs; 3 open-collector digital outputs; 1 analog input (14 bits); 2 analog outputs (14 bits); 2 encoder interfaces; RS-485 Modbus-RTU interface; CAN interface (CANopen, CANopen master/slave).	\$3,032
11094251	PLC11-02	1 2 3	PLC functions; Ladder programming; electronic gear box; 4 digital inputs; 1 dry-contact digital output; 3 open-collector digital outputs; ; 2 encoder interfaces; RS-485 Modbus-RTU interface; CAN interface (CANopen, CANopen master/slave).	\$1,880
Keypad Accessories				
11010521	RHMIF-01	-	Frame for keypad remote assembly, IP56	\$93
11010298	HMID-01	-	Blank cover for keypad slot	\$74

Variable Speed Drives

CFW11 - Accessories

Part Number	Product	Slot	Description	List Price
Cables for HMI				
10950192	CAB-RS-1M	-	1m (3.3ft) Remote Keypad Cable	\$74
10951226	CAB-RS-2M	-	2m (6.6ft) Remote Keypad Cable	\$81
10951223	CAB-RS-3M	-	3m (10ft) Remote Keypad Cable	\$90
10951227	CAB-RS-5M	-	5m (16ft) Remote Keypad Cable	\$102
10951240	CAB-RS-7,5M	-	7.5m (25ft) Remote Keypad Cable	\$121
10951239	CAB-RS-10M	-	10m (33ft) Remote Keypad Cable	\$137
Conduit Kit				
11010787	KN1A-01	-	NEMA 1 - Conduit kit for frame size A + Power cables shielding	\$114
11010800	KN1B-01	-	NEMA 1 - Conduit kit for frame size B + Power cables shielding	\$135
11010802	KN1C-01	-	NEMA 1 - Conduit kit for frame size C + Power cables shielding	\$154
11010264	KIP21D-01	-	IP21 - Kit for frame size D (top cover)	\$161
10960842	KN1E-01	-	NEMA 1 - Top cover kit for frame size E (T4 - 105 and 142A and T6 – all sizes)	\$104
10960850	KN1E-02	-	NEMA 1 - Top cover kit + Conduit kit for frame size E (T4 - 180 and 211A)	\$284
11417558	KN1F-01	-	NEMA 1 - Conduit kit for frame size F	\$544
11417559	KN1G-01	-	NEMA 1 - Conduit kit for frame size G	\$615
12362029	KIP20	-	IP20 kit for DBW03 / DBW04	\$128
Shielding Kit (included in the FA models)				
11010265	PCSA-01	-	Power cables shielding kit for frame size A	\$66
11010266	PCSB-01	-	Power cables shielding kit for frame size B	\$69
11010267	PCSC-01	-	Power cables shielding kit for frame size C	\$74
Extractable Mounting				
11337710	KME-01	-	Kit for Extractable Mounting - Frame size E	\$1,477
11337634	KMF-01	-	Kit for Extractable Mounting - Frame size F	\$1,525
11337714	KMG-01	-	Kit for Extractable Mounting - Frame size G	\$1,624
12715724	KMH-01	-	Kit for Extractable Mounting - Frame size H	\$1,704
STO Deactivation				
13429125	CFW11-KSDC	-	Kit to deactivate STO function in VSD models that has this feature	\$37

CFW11 Optional

External 24 VDC Power Supply				
-	W option 1	-	Additional price for 24 VDC power supply W1 is for frame sizes A,B,C, D and E except for frame size D T5 and T6	\$1,011
-	W option 2	-	Additional price for 24 VDC power supply W2 is for frame Sizes F, G, H and frame sizes D T5 and T6	\$1,242

The CFW900 is a high-tech VSD for driving and controlling three-phase induction and permanent magnet motors. It offers excellent static and dynamic performance and highly precise torque, speed and position control. It can be used in a wide range of applications due to its high overload capacity.



Technical data:

- Single and three-phase power supply
 - Voltage range: 200-240Vac for single-phase models
200-240Vac, 380-480Vac or 500-600Vac for three-phase models
 - Current / Power range: up to 760Amps / 440kW (600HP)
 - Control mode: scalar (V/Hz), VVW, open loop vector sensorless and closed loop with encoder
 - Switching frequency: from 1 to 16kHz
 - Overload capacity: Normal Duty (ND) = 150% during 3 seconds; 110% during 60 seconds every 5min
Heavy Duty (HD) = 200% during 3 seconds; 150% during 60 seconds every 5min
 - Degree of protection: IP20
 - Operating temperature: -10 to 50°C (14 to 122°F) for frame sizes A,B,C and D
-10 to 45°C (14 to 113°F) for frame sizes E, F, G and H
- Possible to operate on higher temperatures with current derating or using the dual zone rating (check the user's manual)
- Altitude: 0 to 1000m
up to 4000m with current and voltage derating
 - Built-in brake chopper up to frame size C. Optional for frame sizes D and E. Not available for frame sizes F, G and H (*)
 - Built-in DC link choke
 - Built-in Ethernet Dual Port (Modbus TCP and Ethernet/IP)
 - Built-in RS-485 Port (Modbus RTU protocol)
 - Built-in Safety functionalities - Safe Torque Off (STO) and Safe Stop 1 (SS1) in accordance with EN ISO 13849-1 (Cat. 3 / PL e)
 - Built-in RFI Filter
 - External +24Vdc power supply for control board
 - Local graphic keypad with backlight and Help functionality
 - USB Connection

(*) Frame sizes F, G and H can use DBW03 and DBW04 from CFW11 range

- I/O connections:

	Std	IOAI-01	IOD-01	REL-01
Digital inputs	6	-	8	-
Digital outputs	2	-	8	-
Relay outputs	3 (*)	-	-	3
Analog inputs	2	3	-	-
Analog outputs	2	2	-	-

(*) Output Relays available with 1x CFW900-REL-01 supplied with standard version

- Fieldbus:

Modbus RTU	Modbus TCP	CANopen	DeviceNet	EtherNet/IP	EtherCAT	BACnet	Profibus DP	Profinet	MQTT (IoT Ready)
Built-in	Built-in	CFW900-CCAN-W	CFW900-CCAN-W	Built-in	CFW900-CECAT-N	Coming Soon	CFW900-CPDP-N	CFW900-CPN-IRT-N	Built-in

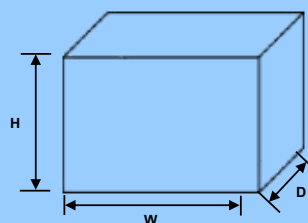
Accessories:

- IP21 / UL Type 1 kits.
- Encoder Modules
- I/O Expansion Modules
- Communication Modules
- Temperature Transducers Modules (PTC, PT100/1000)
- Remote keypad kit

CFW900
System Variable Frequency Drive

Product and Series	Model Identification				Braking	Degree of Protection	Safety	HMI version	Special Hardware version	Special Software version
	Frame size	Rated current	No. of phases power supply	Rated voltage						
CFW900	A	04P6	T	4	NB	20	Y2	B	Hxx	Sxx
CFW900	A	2P8 = 2,8A	B = single/three-phase							
		3P6 = 3,6A	T = three-phase							
		4P6 = 4,6A								
		4P8 = 4,8A	2 = 200...240V							
		6P0 = 6A	4 = 380...480V							
		6P5 = 6,5A	5 = 500...600V							
		7P5 = 7,5A								
		9P6 = 9,6A	NB = without braking chopper							
		10P0 = 10A	DB = with braking chopper							
		10P6 = 10,6A	20 = IP20							
		13P0 = 13A	21 = IP21							
		14P0 = 14A	N1 = UL Type 1							
	17P0 = 17A									
	B	19P0 = 19A	Y2 = with STO and SS1 safety function							
		26P0 = 26A								
		33P0 = 33A	Blank = HMI without Bluetooth							
		34P0 = 34A	B = HMI with Bluetooth							
		39P0 = 39A	Blank = standard hardware version							
	C	45P0 = 45A	HEC = with extra coated boards							
		50P0 = 50A	Hxx = with a special hardware version							
		56P0 = 56A	Blank = standard software version							
		62P0 = 62A	Sxx = with a special software version							
		70P0 = 70A								
		74P0 = 74A								
	D	80P0 = 80A								
		96P0 = 96A								
		0110 = 110A								
		0124 = 124A								
		0135 = 135A								
	E	0146 = 146A								
		0150 = 150A								
		0172 = 172A								
0195 = 195A										
0203 = 203A										
F	0242 = 242A									
	0250 = 250A									
G	0315 = 315A									
	0370 = 370A									
	0430 = 430A									
	0480 = 480A									
H	0540 = 540A									
	0601 = 601A									
		0760 = 760A								

- Dimensions and weight (without packaging):				
Frame size	IP20			
	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
A	270	145	222	4.5
B	385	166	227	10
C	445	200	294	20.5
D	625	250	294	33.5
E	675	336	358	63.5
F	1034	370	360	101
G	1234	430	360	185
H	1265	535	426	242



Variable Speed Drives

CFW900 - Standard - HMI with Bluetooth - 200~240V ⁽³⁾

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
230V - 1 or 3AC									
14326148	CFW900A04P6B2DB20Y2B	4.6	4.6	1	1	A	50°C	Yes	\$2,433
14326149	CFW900A06P0B2DB20Y2B	6	6	1.5	1.5	A	50°C	Yes	\$2,533
14326151	CFW900A07P5B2DB20Y2B	7.5	7.5	2	2	A	50°C	Yes	\$2,557
14326256	CFW900A10P0B2DB20Y2B	10	10	3	3	A	50°C	Yes	\$2,659
230V - 3AC									
14326157	CFW900A04P6T2DB20Y2B	4.6	4.6	1	1	A	50°C	Yes	\$2,050
14326199	CFW900A06P0T2DB20Y2B	6	5	1.5	1	A	50°C	Yes	\$2,091
14326202	CFW900A07P5T2DB20Y2B	7.5	6.8	2	2	A	50°C	Yes	\$2,135
14326207	CFW900A10P6T2DB20Y2B	10.6	9.6	3	3	A	50°C	Yes	\$2,472
14326252	CFW900A13P0T2DB20Y2B	13	11	3	3	A	50°C	Yes	\$2,585
14326254	CFW900A19P0T2DB20Y2B	19	16	5	5	A	50°C	Yes	\$3,074
14959986	CFW900B26P0T2DB20Y2B	26	22	7.5	7.5	B	50°C	Yes	\$3,639
14960028	CFW900B34P0T2DB20Y2B	34	28	10	10	B	50°C	Yes	\$4,369
14960029	CFW900B45P0T2DB20Y2B	45	35	15	10	B	50°C	Yes	\$4,924
15414328	CFW900C56P0T2DB20Y2B	56	47	20	15	C	50°C	Yes	\$5,937
15414329	CFW900C70P0T2DB20Y2B	70	59	25	20	C	50°C	Yes	\$6,975
15414331	CFW900C80P0T2DB20Y2B	80	70	30	25	C	50°C	Yes	\$9,074
15686712	CFW900D0110T2NB20Y2B	110	92	40	30	D	50°C	No	\$11,715
15686715	CFW900D0135T2NB20Y2B	135	110	50	40	D	50°C	No	\$13,516
15686716	CFW900D0150T2NB20Y2B	150	124	50	40	D	50°C	No	\$16,043
15697028	CFW900E0172T2NB20Y2B	172	150	60	50	E	45°C	No	\$20,644
15028874	CFW900E0195T2NB20Y2B	195	160	75	60	E	45°C	No	\$26,203
15028918	CFW900E0250T2NB20Y2B	250	211	100	75	E	45°C	No	\$29,346
16695149	CFW900F0315T2NB20Y2B	315	263	125	100	F	45°C	No	\$38,426
16695150	CFW900F0370T2NB20Y2B	370	315	150	125	F	45°C	No	\$46,842

CFW900 - with Optional Brake Chopper - HMI with Bluetooth - 200~240V ⁽³⁾

230V - 3AC									
15686530	CFW900D0110T2DB20Y2B	110	92	40	30	D	50°C	Yes	\$12,535
15686534	CFW900D0135T2DB20Y2B	135	110	50	40	D	50°C	Yes	\$14,462
15686535	CFW900D0150T2DB20Y2B	150	124	50	40	D	50°C	Yes	\$17,166
15696834	CFW900E0172T2DB20Y2B	172	150	60	50	E	45°C	Yes	\$22,089
15005875	CFW900E0195T2DB20Y2B	195	160	75	60	E	45°C	Yes	\$28,037
15006038	CFW900E0250T2DB20Y2B	250	211	100	75	E	45°C	Yes	\$31,401

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

(3) Check with your sales representative regarding Bluetooth feature, to confirm if the certification is available for your market

Variable Speed Drives

CFW900 - Standard - HMI with Bluetooth - 380~480V ⁽³⁾

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		HP					
460V - 3AC									
14326257	CFW900A02P8T4DB20Y2B	2.8	2.4	1	1	A	50°C	Yes	\$2,315
15697209	CFW900A03P6T4DB20Y2B	3.6	2.8	2	1	A	50°C	Yes	\$2,411
14326308	CFW900A04P8T4DB20Y2B	4.8	3.9	3	2	A	50°C	Yes	\$2,529
14326310	CFW900A06P5T4DB20Y2B	6.5	5.3	3	3	A	50°C	Yes	\$2,569
14326311	CFW900A09P6T4DB20Y2B	9.6	8	5	5	A	50°C	Yes	\$2,697
14326312	CFW900A14P0T4DB20Y2B	14	12	10	7.5	A	50°C	Yes	\$3,019
14326313	CFW900A17P0T4DB20Y2B	17	17	10	10	A	50°C	Yes	\$3,783
14960037	CFW900B26P0T4DB20Y2B	26	21	15	15	B	50°C	Yes	\$4,554
14960110	CFW900B33P0T4DB20Y2B	33	28	20	20	B	50°C	Yes	\$5,646
14960113	CFW900B39P0T4DB20Y2B	39	33	25	20	B	50°C	Yes	\$6,391
15414333	CFW900C50P0T4DB20Y2B	50	40	30	30	C	50°C	Yes	\$8,019
15414335	CFW900C62P0T4DB20Y2B	62	50	40	30	C	50°C	Yes	\$10,104
15414337	CFW900C74P0T4DB20Y2B	74	62	50	40	C	50°C	Yes	\$11,232
15686788	CFW900D96P0T4NB20Y2B	96	75	75	50	D	50°C	No	\$13,216
15686789	CFW900D10124T4NB20Y2B	124	103	100	75	D	50°C	No	\$14,610
15686790	CFW900D146T4NB20Y2B	146	124	100	100	D	50°C	No	\$17,492
15697033	CFW900E0172T4NB20Y2B	172	146	125	100	E	45°C	No	\$22,886
15028922	CFW900E0203T4NB20Y2B	203	161	150	125	E	45°C	No	\$27,167
15028939	CFW900E0242T4NB20Y2B	242	190	200	150	E	45°C	No	\$31,220
16695152	CFW900F0315T4NB20Y2B	315	263	250	200	F	45°C	No	\$35,346
16695153	CFW900F0370T4NB20Y2B	370	315	300	250	F	45°C	No	\$39,100
16852445	CFW900G0430T4NB20Y2B	430	370	350	300	G	45°C	No	\$41,097
16852559	CFW900G0480T4NB20Y2B	480	430	400	350	G	45°C	No	\$46,350
16852566	CFW900G0540T4NB20Y2B	540	480	450	400	G	45°C	No	\$52,892
16798716	CFW900G0601T4NB20Y2B	601	515	500	450	G	45°C	No	\$60,939
16852716	CFW900H0760T4NB20Y2B	760	601	600	500	H	45°C	No	\$71,910

CFW900 - with Optional Brake Chopper - HMI with Bluetooth - 380~480V ⁽³⁾

460V - 3AC									
15686536	CFW900D96P0T4DB20Y2B	96	75	75	50	D	50°C	Yes	\$14,142
15686537	CFW900D0124T4DB20Y2B	124	103	100	75	D	50°C	Yes	\$15,633
15686709	CFW900D0146T4DB20Y2B	146	124	100	100	D	50°C	Yes	\$18,716
15697032	CFW900E0172T4DB20Y2B	172	146	125	100	E	45°C	Yes	\$24,488
15006082	CFW900E0203T4DB20Y2B	203	161	150	125	E	45°C	Yes	\$29,068
15006109	CFW900E0242T4DB20Y2B	242	190	200	150	E	45°C	Yes	\$33,405

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

(3) Check with your sales representative regarding Bluetooth feature, to confirm if the certification is available for your market

Variable Speed Drives

CFW900 - Standard - HMI without Bluetooth - 500~600V

Part Number	Product	Rated Current		Motor ⁽²⁾		Frame Size	Max. ⁽³⁾ Temp	Brake Chopper	List Price
		ND	HD	ND	HD				
		A		kW					
525V - 3AC									
17327414	CFW900B02P9T5DB20Y2B	2.9	2.7	2	2	B	50°C	Yes	\$3,037
17327559	CFW900B04P2T5DB20Y2B	4.2	2.9	3	2	B	50°C	Yes	\$3,094
17327560	CFW900B07P0T5DB20Y2B	7	4.2	5	3	B	50°C	Yes	\$3,374
17327561	CFW900B10P0T5DB20Y2B	10	7	10	5.5	B	50°C	Yes	\$3,834
17327562	CFW900B12P0T5DB20Y2B	12	10	10	7.5	B	50°C	Yes	\$4,432
17327564	CFW900B17P0T5DB20Y2B	17	12	15	10	B	50°C	Yes	\$4,815
17328645	CFW900B22P0T5DB20Y2B	22	17	20	15	B	50°C	Yes	\$6,397
17328809	CFW900B27P0T5DB20Y2B	27	22	25	20	B	50°C	Yes	\$7,547
17329012	CFW900C32P0T5DB20Y2B	32	27	30	25	C	50°C	Yes	\$8,743
17329015	CFW900C44P0T5DB20Y2B	44	32	40	30	C	50°C	Yes	\$10,848
17329125	CFW900C54P0T5DB20Y2B	54	44	50	40	C	50°C	Yes	\$15,291

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

(2) Motor power ratings are based on: WEG - 4 poles - W22 IE3 - 525V/50Hz

(3) Check with your sales representative regarding Bluetooth feature, to confirm if the certification is available for your market

Variable Speed Drives

CFW900 - Accessories

Part Number	Product	Description	List Price
I/O Expansion Modules			
15691117	CFW900-IOAI-01	3 analog inputs and 2 isolated analog outputs	\$780
15691249	CFW900-IOD-01	8 isolated digital inputs and 8 isolated digital outputs	\$584
15691251	CFW900-REL-01	3 digital relay outputs (one module supplied with standard version)	\$260
Temperature Transducers Modules			
15691253	CFW900-TEMP-01	6 isolated inputs for PTC, PT100 or PT1000 sensors	\$500
Encoder Modules			
15691256	CFW900-ENC-01	Incremental encoder with a signal up to 310 kHz and repeater	\$560
Communication Modules			
15691379	CFW900-CCAN-W	CAN interface module (CANopen / DeviceNet)	\$352
17143198	CFW900-CPDP-N ⁽¹⁾	Profibus DP-V1 interface module	\$1,952
17143199	CFW900-CPN-IRT-N ⁽¹⁾	Profinet IRT interface module - 2 Ports	\$3,760
17143201	CFW900-CECAT-N ⁽¹⁾	EtherCAT interface module - 2 Ports	\$2,760
Backplane - Slot for Accessories			
15692737	CFW900-4SLOTS	Backplane with 4 Slots (available in the standard version)	\$324
15692736	CFW900-7SLOTS	Backplane with 7 Slots	\$260
Keypad Accessories			
15691113	CFW900-HMI-BLT ⁽²⁾	CFW900 HMI with Bluetooth (available in the version B)	\$500
15690771	CFW900-HMI	CFW900 HMI without Bluetooth	\$408
15756246	CFW900-RHMIF	Frame for keypad remote assembly, IP66	\$92
Memory Card			
16352814	SDC-8GB	Micro SD card - 8GB - Industrial class	\$360
Cables for HMI			
15692985	CFW900-CCHMIR01M	1m (3.3ft) Remote Keypad Cable	\$72
15693038	CFW900-CCHMIR02M	2m (6.6ft) Remote Keypad Cable	\$80
15693040	CFW900-CCHMIR03M	3m (10ft) Remote Keypad Cable	\$88
15693042	CFW900-CCHMIR05M	5m (16ft) Remote Keypad Cable	\$100
15693044	CFW900-CCHMIR07M	7.5m (25ft) Remote Keypad Cable	\$120
15693045	CFW900-CCHMIR10M	10m (33ft) Remote Keypad Cable	\$136
Conduit Kit			
15756311	CFW900-KN1A	UL Type 1 - Conduit kit for frame size A	\$112
15757498	CFW900-KN1B	UL Type 1 - Conduit kit for frame size B	\$132
15757502	CFW900-KN1C	UL Type 1 - Conduit kit for frame size C	\$152
15757538	CFW900-KN1D	UL Type 1 - Conduit kit for frame size D	\$220
15757540	CFW900-KN1E	UL Type 1 - Conduit kit for frame size E	\$284
16240897	CFW900-KIP21A	IP21 - Kit for frame size A (top cover)	\$128
16241128	CFW900-KIP21B	IP21 - Kit for frame size B (top cover)	\$136
16241129	CFW900-KIP21C	IP21 - Kit for frame size C (top cover)	\$144
16241130	CFW900-KIP21D	IP21 - Kit for frame size D (top cover)	\$160
15757541	CFW900-KIP21E	IP21 - Kit for frame size E (top cover)	\$180
16500977	CFW900-KIP21F	IP21 - Kit for frame size F (top cover)	\$212
16773112	CFW900-KIP21G	IP21 - Kit for frame size G (top cover)	\$224
16773114	CFW900-KIP21H	IP21 - Kit for frame size H (top cover)	\$240
Assembly kit for Ventilation Ducts - Frame sizes E, F, G and H			
17634599	CFW900-KDF-01	Air Intake Assembly	\$600
17634601	CFW900-KDF-02	Air Extraction Assembly	\$600
Flange mounting kit			
16451365	CFW900-KMFA	Flange mounting kit for frame size A	\$200
16451438	CFW900-KMFB	Flange mounting kit for frame size B	\$240
16451440	CFW900-KMFC	Flange mounting kit for frame size C	\$280
16451445	CFW900-KMFD	Flange mounting kit for frame size D	\$320
16451447	CFW900-KMFE	Flange mounting kit for frame size E	\$380
16852713	CFW900-KMFF	Flange mounting kit for frame size F	\$500
16852714	CFW900-KMFG	Flange mounting kit for frame size G	\$560
16852715	CFW900-KMFH	Flange mounting kit for frame size H	\$620

(3) Check with your sales representative regarding Bluetooth feature, to confirm if the certification is available for your market

The MW500 series offers the user a "decentralized mode" installation concept. Its degree of protection IP66 (NEMA 4x) allows installation flexibility since it can be done directly on the motor itself or on the walls of the electrical room or machine frame. This reflects in the optimization of the physical space required and mainly in the economic savings by eliminating the need for the electrical cabinet and cables.



- Certifications:



MW500 G2

Decentralized Variable Speed Drive

Technical data:

- Single-phase and three-phase power supply.
- Voltage range: 200-240Vac for single-phase models and 380-480Vac for three-phase models.
- Current / Power range: up to 19,2 Amps / 9,2 kW (10 HP)
- Control mode: V/f scalar control, VVW control (synchronous and asynchronous motors), vector control with sensor and sensorless.
- Switching frequency: 2.5 to 15kHz.
- Overload capacity: 150% for 60sec every 10min, 200% for 3sec every 10min.
- Degree of protection: IP66 or NEMA4X
- Operating temperature: 0 to 40 / 50°C if mounted on top of a self-ventilated WEG motor.
up to 60°C with current derating (2% for each 1°C above 50°C).
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 90% non-condensing.
- Integrated brake chopper
- Integrated Disconnect Switch as optional
- Built-in PID controller.
- Fits on W21/W22 WEG electric motors
- Soft-PLC
- PTC Input

- I/O connections:

	IOS CUSB	IOD	IOAD	IOR	CCAN CPDP2	CRS232	CRS485	CEMB-TCP CETH-IP	CEPN-IO
Digital inputs	4	8	6	5	2	2	4	2	2
Digital outputs	1	4	3	1	1	1	1	1	1
Relay Outputs	1	1	1	4	1	1	2	1	1
Analog inputs	1	1	3	1	1	1	2	1	1
Analog outputs	1	1	2	1	1	1	1	1	1
RS 485	1	1	1	1	1	1	2	1	1
24 VDC	1	1	1	1	1	1	1	1	1

- Fieldbus:

RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet
NA	NA	Any plug-in module	CFW500-CEMB- TCP	CFW500-CPDP2	CFW500-CPDP2	CFW500-CEPN-IO	CFW500-CCAN	CFW500-CCAN	CFW500-CETH-IP	NA

Optionals:

- RFI Filter
- Disconnect Switch

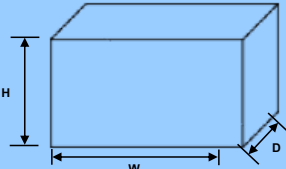
Accessories:

- Remote HMI
- Wall Mounting Kit

Decentralized Variable Speed Drive

Product and Series	Model Identification				Braking	Degree of Protection	Conducted Emission Level	Disconnect Switch	Terminal Box Adaptor	Special Hardware	Special Firmware	Generation
	Frame Size	Rated Current	No. of phases power supply	Rated Voltage								
MW500	B	06P5	T	4	DB	66	C2	DS	A56	-	-	G2
MW500	A	02P1	T = three-phase									
	B	02P9	S = single-phase									
	C	03P4	2 = 200...240V									
		04P3	4 = 380...480V									
		06P0	DB = braking chopper									
		01P3	66 = IP66 / NEMA 4X									
		01P6	Blank = without RFI filter									
		02P0	C2 = according to category 2 of IEC 61800-3 standard									
		02P6	C3 = according to category 3 of IEC 61800-3 standard									
		04P3	Blank = without Disconnect Switch									
		05P2	DS = disconnect Switch									
		06P5	A56 = 56 mm motor terminal box adaptor									
		10P0	A70 = 56 mm motor terminal box adaptor									
		14P0	Blank = 70 or 110 mm motor terminal box adaptor									
		16P0	H00 = standard hardware (without plug-in module)									
			Blank = standard firmware									
			Sx = special firmware									
			Blank = Generation 1									
			G2 = Generation 2									

- Dimensions and weight (without packaging):

Frame size	Height (mm)	Width (mm)	Depth * (mm)	Weight (kg)	
A	240	161.5	147.1	4.2	
B	269	190	163.5	5.4	
C	304	220.9	193.6	9.1	

* Depth considering standard version without Disconnect Switch

- Frame sizes x Terminal Boxes (IEC)

IEC Frames	80 / 90 / 100	112 / 132	160 / 180
Terminal Box	56 mm	70 mm	110 mm
A	x	x	-
B	x	x	-
C	-	x	x

- Frame sizes x Terminal Boxes (NEMA)

NEMA Frames	143T/154T	182/184T	213T/215T	254T/256T	284T/286T
Terminal Box	56 mm	70 mm	110 mm		
A	x	x	x	-	-
B	x	x	x	-	-
C	-	x	x	x	x

Variable Speed Drives

MW500 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	List Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16178116	MW500 A 02P1 S2 DB66A56H00G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,482
16179226	MW500 A 02P9 S2 DB66A56H00G2	3.8	2	2.9	0.5		A	Yes	\$1,511
16179977	MW500 A 03P4 S2 DB66A56H00G2	4.5	3	3.4	0.75		A	Yes	\$1,527
16180161	MW500 A 04P3 S2 DB66A56H00G2	5.7	3	4.3	0.75		A	Yes	\$1,547
16181822	MW500 A 06P0 S2 DB66A56H00G2	6	5	6	1.5		A	Yes	\$1,623
460V - 3AC									
16183051	MW500 A 01P3 T4 DB66A56H00G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	\$1,566
16184290	MW500 A 01P6 T4 DB66A56H00G2	2.1	1	1.6	0.75		A	Yes	\$1,579
16184585	MW500 A 02P0 T4 DB66A56H00G2	2.6	1	2	0.75		A	Yes	\$1,595
16186025	MW500 A 02P6 T4 DB66A56H00G2	3.4	2	2.6	1		A	Yes	\$1,623
16186880	MW500 A 04P3 T4 DB66A56H00G2	5.7	3	4.3	2		A	Yes	\$1,897
16187279	MW500 B 05P2 T4 DB66A56H00G2	6.9	3	5.2	3		B	Yes	\$2,090
16187564	MW500 B 06P5 T4 DB66A56H00G2	8.6	5	6.5	3		B	Yes	\$2,195
16188332	MW500 B 10P0 T4 DB66A56H00G2	13.3	7.5	10	5		B	Yes	\$2,364

MW500 - Standard with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC									
16179198	MW500 A 02P1 S2 DB66DSA56H00G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,659
16179973	MW500 A 02P9 S2 DB66DSA56H00G2	3.8	2	2.9	0.5		A	Yes	\$1,687
16180138	MW500 A 03P4 S2 DB66DSA56H00G2	4.5	3	3.4	0.75		A	Yes	\$1,708
16181818	MW500 A 04P3 S2 DB66DSA56H00G2	5.7	3	4.3	0.75		A	Yes	\$1,732
16182998	MW500 A 06P0 S2 DB66DSA56H00G2	6	5	6	1.5		A	Yes	\$1,816
460V - 3AC									
16183242	MW500 A 01P3 T4 DB66DSA56H00G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	\$1,752
16184545	MW500 A 01P6 T4 DB66DSA56H00G2	2.1	1	1.6	0.75		A	Yes	\$1,764
16185940	MW500 A 02P0 T4 DB66DSA56H00G2	2.6	1	2	0.75		A	Yes	\$1,784
16186824	MW500 A 02P6 T4 DB66DSA56H00G2	3.4	2	2.6	1		A	Yes	\$1,816
16187189	MW500 A 04P3 T4 DB66DSA56H00G2	5.7	3	4.3	2		A	Yes	\$2,127
16187430	MW500 B 05P2 T4 DB66DSA56H00G2	6.9	3	5.2	3		B	Yes	\$2,336
16188328	MW500 B 06P5 T4 DB66DSA56H00G2	8.6	5	6.5	3		B	Yes	\$2,456
16188942	MW500 B 10P0 T4 DB66DSA56H00G2	13.3	7.5	10	5		B	Yes	\$2,646

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	List Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16179122	MW500 A 02P1 S2 DB66C2A56H00G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,603
16179736	MW500 A 02P9 S2 DB66C2A56H00G2	3.8	2	2.9	0.5		A	Yes	\$1,632
16180063	MW500 A 03P4 S2 DB66C2A56H00G2	4.5	3	3.4	0.75		A	Yes	\$1,647
16180165	MW500 A 04P3 S2 DB66C2A56H00G2	5.7	3	4.3	0.75		A	Yes	\$1,671
16181826	MW500 A 06P0 S2 DB66C2A56H00G2	6	5	6	1.5		A	Yes	\$1,752
460V - 3AC									
16183130	MW500 A 01P3 T4 DB66C2A56H00G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	\$1,692
16184306	MW500 A 01P6 T4 DB66C2A56H00G2	2.1	1	1.6	0.75		A	Yes	\$1,704
16184709	MW500 A 02P0 T4 DB66C2A56H00G2	2.6	1	2	0.75		A	Yes	\$1,723
16186059	MW500 A 02P6 T4 DB66C2A56H00G2	3.4	2	2.6	1		A	Yes	\$1,752
16186887	MW500 A 04P3 T4 DB66C2A56H00G2	5.7	3	4.3	2		A	Yes	\$2,051
16187338	MW500 B 05P2 T4 DB66C2A56H00G2	6.9	3	5.2	3		B	Yes	\$2,256
16187726	MW500 B 06P5 T4 DB66C2A56H00G2	8.6	5	6.5	3		B	Yes	\$2,368
16188336	MW500 B 10P0 T4 DB66C2A56H00G2	13.3	7.5	10	5		B	Yes	\$2,553

MW500 - RFI Filter with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC									
16179150	MW500 A 02P1 S2 DB66C2DSA56H00G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,789
16179969	MW500 A 02P9 S2 DB66C2DSA56H00G2	3.8	2	2.9	0.5		A	Yes	\$1,825
16180132	MW500 A 03P4 S2 DB66C2DSA56H00G2	4.5	3	3.4	0.75		A	Yes	\$1,840
16180284	MW500 A 04P3 S2 DB66C2DSA56H00G2	5.7	3	4.3	0.75		A	Yes	\$1,869
16181882	MW500 A 06P0 S2 DB66C2DSA56H00G2	6	5	6	1.5		A	Yes	\$1,961
460V - 3AC									
16183162	MW500 A 01P3 T4 DB66C2DSA56H00G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	\$1,894
16184422	MW500 A 01P6 T4 DB66C2DSA56H00G2	2.1	1	1.6	0.75		A	Yes	\$1,909
16185511	MW500 A 02P0 T4 DB66C2DSA56H00G2	2.6	1	2	0.75		A	Yes	\$1,933
16186727	MW500 A 02P6 T4 DB66C2DSA56H00G2	3.4	2	2.6	1		A	Yes	\$1,961
16187000	MW500 A 04P3 T4 DB66C2DSA56H00G2	5.7	3	4.3	2		A	Yes	\$2,296
16187346	MW500 B 05P2 T4 DB66C2DSA56H00G2	6.9	3	5.2	3		B	Yes	\$2,529
16187783	MW500 B 06P5 T4 DB66C2DSA56H00G2	8.6	5	6.5	3		B	Yes	\$2,654
16188852	MW500 B 10P0 T4 DB66C2DSA56H00G2	13.3	7.5	10	5		B	Yes	\$2,860

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	List Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16178114	MW500 A 02P1 S2 DB66A56G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,656
16179223	MW500 A 02P9 S2 DB66A56G2	3.8	2	2.9	0.5		A	Yes	\$1,684
16179976	MW500 A 03P4 S2 DB66A56G2	4.5	3	3.4	0.75		A	Yes	\$1,699
16180158	MW500 A 04P3 S2 DB66A56G2	5.7	3	4.3	0.75		A	Yes	\$1,720
16181821	MW500 A 06P0 S2 DB66A56G2	6	5	6	1.5		A	Yes	\$1,796
460V - 3AC									
16183048	MW500 A 01P3 T4 DB66A56G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	1,740
16184289	MW500 A 01P6 T4 DB66A56G2	2.1	1	1.6	0.75		A	Yes	1,752
16184583	MW500 A 02P0 T4 DB66A56G2	2.6	1	2	0.75		A	Yes	1,768
16186024	MW500 A 02P6 T4 DB66A56G2	3.4	2	2.6	1		A	Yes	1,796
16186879	MW500 A 04P3 T4 DB66A56G2	5.7	3	4.3	2		A	Yes	2,070
16187195	MW500 B 05P2 T4 DB66A56G2	6.9	3	5.2	3		B	Yes	2,263
16187434	MW500 B 06P5 T4 DB66A56G2	8.6	5	6.5	3		B	Yes	2,368
16188331	MW500 B 10P0 T4 DB66A56G2	13.3	7.5	10	5		B	Yes	2,537

MW500 - Standard with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC									
16179156	MW500 A 02P1 S2 DB66DSA56G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,833
16179972	MW500 A 02P9 S2 DB66DSA56G2	3.8	2	2.9	0.5		A	Yes	\$1,861
16180137	MW500 A 03P4 S2 DB66DSA56G2	4.5	3	3.4	0.75		A	Yes	\$1,882
16180353	MW500 A 04P3 S2 DB66DSA56G2	5.7	3	4.3	0.75		A	Yes	\$1,906
16182301	MW500 A 06P0 S2 DB66DSA56G2	6	5	6	1.5		A	Yes	\$1,990
460V - 3AC									
16183241	MW500 A 01P3 T4 DB66DSA56G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	\$1,925
16184460	MW500 A 01P6 T4 DB66DSA56G2	2.1	1	1.6	0.75		A	Yes	\$1,937
16185938	MW500 A 02P0 T4 DB66DSA56G2	2.6	1	2	0.75		A	Yes	\$1,958
16186820	MW500 A 02P6 T4 DB66DSA56G2	3.4	2	2.6	1		A	Yes	\$1,990
16186917	MW500 A 04P3 T4 DB66DSA56G2	5.7	3	4.3	2		A	Yes	\$2,299
16187429	MW500 B 05P2 T4 DB66DSA56G2	6.9	3	5.2	3		B	Yes	\$2,509
16188177	MW500 B 06P5 T4 DB66DSA56G2	8.6	5	6.5	3		B	Yes	\$2,630
16188939	MW500 B 10P0 T4 DB66DSA56G2	13.3	7.5	10	5		B	Yes	\$2,818

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	List Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16179121	MW500 A 02P1 S2 DB66C2A56G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,777
16179734	MW500 A 02P9 S2 DB66C2A56G2	3.8	2	2.9	0.5		A	Yes	\$1,804
16180061	MW500 A 03P4 S2 DB66C2A56G2	4.5	3	3.4	0.75		A	Yes	\$1,820
16180164	MW500 A 04P3 S2 DB66C2A56G2	5.7	3	4.3	0.75		A	Yes	\$1,845
16181825	MW500 A 06P0 S2 DB66C2A56G2	6	5	6	1.5		A	Yes	\$1,925
460V - 3AC									
16183056	MW500 A 01P3 T4 DB66C2A56G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	\$1,865
16184300	MW500 A 01P6 T4 DB66C2A56G2	2.1	1	1.6	0.75		A	Yes	\$1,877
16184644	MW500 A 02P0 T4 DB66C2A56G2	2.6	1	2	0.75		A	Yes	\$1,897
16186058	MW500 A 02P6 T4 DB66C2A56G2	3.4	2	2.6	1		A	Yes	\$1,925
16186885	MW500 A 04P3 T4 DB66C2A56G2	5.7	3	4.3	2		A	Yes	\$2,223
16187287	MW500 B 05P2 T4 DB66C2A56G2	6.9	3	5.2	3		B	Yes	\$2,428
16187724	MW500 B 06P5 T4 DB66C2A56G2	8.6	5	6.5	3		B	Yes	\$2,541
16188335	MW500 B 10P0 T4 DB66C2A56G2	13.3	7.5	10	5		B	Yes	\$2,727

MW500 - RFI Filter with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC									
16179148	MW500 A 02P1 S2 DB66C2DSA56G2	2.8	1.5	2.1	0.33	56 mm	A	Yes	\$1,961
16179897	MW500 A 02P9 S2 DB66C2DSA56G2	3.8	2	2.9	0.5		A	Yes	\$1,997
16180129	MW500 A 03P4 S2 DB66C2DSA56G2	4.5	3	3.4	0.75		A	Yes	\$2,014
16180281	MW500 A 04P3 S2 DB66C2DSA56G2	5.7	3	4.3	0.75		A	Yes	\$2,042
16181881	MW500 A 06P0 S2 DB66C2DSA56G2	6	5	6	1.5		A	Yes	\$2,135
460V - 3AC									
16183160	MW500 A 01P3 T4 DB66C2DSA56G2	1.7	0.75	1.3	0.5	56 mm	A	Yes	\$2,066
16184358	MW500 A 01P6 T4 DB66C2DSA56G2	2.1	1	1.6	0.75		A	Yes	\$2,082
16184717	MW500 A 02P0 T4 DB66C2DSA56G2	2.6	1	2	0.75		A	Yes	\$2,106
16186725	MW500 A 02P6 T4 DB66C2DSA56G2	3.4	2	2.6	1		A	Yes	\$2,135
16186998	MW500 A 04P3 T4 DB66C2DSA56G2	5.7	3	4.3	2		A	Yes	\$2,468
16187344	MW500 B 05P2 T4 DB66C2DSA56G2	6.9	3	5.2	3		B	Yes	\$2,703
16187782	MW500 B 06P5 T4 DB66C2DSA56G2	8.6	5	6.5	3		B	Yes	\$2,827
16188850	MW500 B 10P0 T4 DB66C2DSA56G2	13.3	7.5	10	5		B	Yes	\$3,032

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	List Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16179119	MW500 A 02P1 S2 DB66A70H00G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,482
16179731	MW500 A 02P9 S2 DB66A70H00G2	3.8	2	2.9	0.5		A	Yes	\$1,511
16180059	MW500 A 03P4 S2 DB66A70H00G2	4.5	3	3.4	0.75		A	Yes	\$1,527
16180163	MW500 A 04P3 S2 DB66A70H00G2	5.7	3	4.3	0.75		A	Yes	\$1,547
16181824	MW500 A 06P0 S2 DB66A70H00G2	6	5	6	1.5		A	Yes	\$1,623
460V - 1AC									
16183055	MW500 A 01P3 T4 DB66A70H00G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$1,566
16184296	MW500 A 01P6 T4 DB66A70H00G2	2.1	1	1.6	0.75		A	Yes	\$1,579
16184640	MW500 A 02P0 T4 DB66A70H00G2	2.6	1	2	0.75		A	Yes	\$1,595
16186027	MW500 A 02P6 T4 DB66A70H00G2	3.4	2	2.6	1		A	Yes	\$1,623
16186883	MW500 A 04P3 T4 DB66A70H00G2	5.7	3	4.3	2		A	Yes	\$1,897
16187286	MW500 B 05P2 T4 DB66A70H00G2	6.9	3	5.2	3		B	Yes	\$2,090
16187723	MW500 B 06P5 T4 DB66A70H00G2	8.6	5	6.5	3		B	Yes	\$2,195
16188334	MW500 B 10P0 T4 DB66A70H00G2	13.3	7.5	10	5	70 / 110 mm	B	Yes	\$2,364
16189463	MW500 C 14P0 T4 DB66H00G2	16.5	10	14	10		C	Yes	\$2,770
16189706	MW500 C 16P0 T4 DB66H00G2	19.2	10	16	10		C	Yes	\$3,144

MW500 - Standard with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC									
16179207	MW500 A 02P1 S2 DB66DSA70H00G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,659
16179975	MW500 A 02P9 S2 DB66DSA70H00G2	3.8	2	2.9	0.5		A	Yes	\$1,687
16180143	MW500 A 03P4 S2 DB66DSA70H00G2	4.5	3	3.4	0.75		A	Yes	\$1,708
16181820	MW500 A 04P3 S2 DB66DSA70H00G2	5.7	3	4.3	0.75		A	Yes	\$1,732
16183001	MW500 A 06P0 S2 DB66DSA70H00G2	6	5	6	1.5		A	Yes	\$1,816
460V - 1AC									
16183300	MW500 A 01P3 T4 DB66DSA70H00G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$1,752
16184582	MW500 A 01P6 T4 DB66DSA70H00G2	2.1	1	1.6	0.75		A	Yes	\$1,764
16186022	MW500 A 02P0 T4 DB66DSA70H00G2	2.6	1	2	0.75		A	Yes	\$1,784
16186878	MW500 A 02P6 T4 DB66DSA70H00G2	3.4	2	2.6	1		A	Yes	\$1,816
16187193	MW500 A 04P3 T4 DB66DSA70H00G2	5.7	3	4.3	2		A	Yes	\$2,127
16187433	MW500 B 05P2 T4 DB66DSA70H00G2	6.9	3	5.2	3		B	Yes	\$2,336
16188330	MW500 B 06P5 T4 DB66DSA70H00G2	8.6	5	6.5	3		B	Yes	\$2,456
16189093	MW500 B 10P0 T4 DB66DSA70H00G2	13.3	7.5	10	5	70 / 110 mm	B	Yes	\$2,646
16189462	MW500 C 14P0 T4 DB66DSH00G2	16.5	10	14	10		C	Yes	\$3,105
16189705	MW500 C 16P0 T4 DB66DSH00G2	19.2	10	16	10		C	Yes	\$3,524

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	List Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16179125	MW500 A 02P1 S2 DB66C2A70H00G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,603
16179896	MW500 A 02P9 S2 DB66C2A70H00G2	3.8	2	2.9	0.5		A	Yes	\$1,632
16180128	MW500 A 03P4 S2 DB66C2A70H00G2	4.5	3	3.4	0.75		A	Yes	\$1,647
16180280	MW500 A 04P3 S2 DB66C2A70H00G2	5.7	3	4.3	0.75		A	Yes	\$1,671
16181880	MW500 A 06P0 S2 DB66C2A70H00G2	6	5	6	1.5		A	Yes	\$1,752
460V - 3AC									
16183158	MW500 A 01P3 T4 DB66C2A70H00G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$1,692
16184323	MW500 A 01P6 T4 DB66C2A70H00G2	2.1	1	1.6	0.75		A	Yes	\$1,704
16184716	MW500 A 02P0 T4 DB66C2A70H00G2	2.6	1	2	0.75		A	Yes	\$1,723
16186723	MW500 A 02P6 T4 DB66C2A70H00G2	3.4	2	2.6	1		A	Yes	\$1,752
16186955	MW500 A 04P3 T4 DB66C2A70H00G2	5.7	3	4.3	2		A	Yes	\$2,051
16187342	MW500 B 05P2 T4 DB66C2A70H00G2	6.9	3	5.2	3		B	Yes	\$2,256
16187780	MW500 B 06P5 T4 DB66C2A70H00G2	8.6	5	6.5	3		B	Yes	\$2,368
16188848	MW500 B 10P0 T4 DB66C2A70H00G2	13.3	7.5	10	5	70 / 110 mm	B	Yes	\$2,553
16189459	MW500 C 14P0 T4 DB66C2H00G2	16.5	10	14	10		C	Yes	\$2,992
16189703	MW500 C 16P0 T4 DB66C2H00G2	19.2	10	16	10		C	Yes	\$3,394

MW500 - RFI Filter with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC									
16179154	MW500 A 02P1 S2 DB66C2DSA70H00G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,789
16179971	MW500 A 02P9 S2 DB66C2DSA70H00G2	3.8	2	2.9	0.5		A	Yes	\$1,825
16180135	MW500 A 03P4 S2 DB66C2DSA70H00G2	4.5	3	3.4	0.75		A	Yes	\$1,840
16180287	MW500 A 04P3 S2 DB66C2DSA70H00G2	5.7	3	4.3	0.75		A	Yes	\$1,869
16182097	MW500 A 06P0 S2 DB66C2DSA70H00G2	6	5	6	1.5		A	Yes	\$1,961
460V - 3AC									
16183240	MW500 A 01P3 T4 DB66C2DSA70H00G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$1,894
16184459	MW500 A 01P6 T4 DB66C2DSA70H00G2	2.1	1	1.6	0.75		A	Yes	\$1,909
16185882	MW500 A 02P0 T4 DB66C2DSA70H00G2	2.6	1	2	0.75		A	Yes	\$1,933
16186819	MW500 A 02P6 T4 DB66C2DSA70H00G2	3.4	2	2.6	1		A	Yes	\$1,961
16186915	MW500 A 04P3 T4 DB66C2DSA70H00G2	5.7	3	4.3	2		A	Yes	\$2,296
16187428	MW500 B 05P2 T4 DB66C2DSA70H00G2	6.9	3	5.2	3		B	Yes	\$2,529
16188175	MW500 B 06P5 T4 DB66C2DSA70H00G2	8.6	5	6.5	3		B	Yes	\$2,654
16188938	MW500 B 10P0 T4 DB66C2DSA70H00G2	13.3	7.5	10	5	70 / 110 mm	B	Yes	\$2,860
16189458	MW500 C 14P0 T4 DB66C2DSH00G2	16.5	10	14	10		C	Yes	\$3,355
16189702	MW500 C 16P0 T4 DB66C2DSH00G2	19.2	10	16	10		C	Yes	\$3,805

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	Gross Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16179076	MW500 A 02P1 S2 DB66A70G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,656
16179729	MW500 A 02P9 S2 DB66A70G2	3.8	2	2.9	0.5		A	Yes	\$1,684
16180058	MW500 A 03P4 S2 DB66A70G2	4.5	3	3.4	0.75		A	Yes	\$1,699
16180162	MW500 A 04P3 S2 DB66A70G2	5.7	3	4.3	0.75		A	Yes	\$1,720
16181823	MW500 A 06P0 S2 DB66A70G2	6	5	6	1.5		A	Yes	\$1,796
380V - 3AC									
16183053	MW500 A 01P3 T4 DB66A70G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$1,740
16184292	MW500 A 01P6 T4 DB66A70G2	2.1	1	1.6	0.75		A	Yes	\$1,752
16184639	MW500 A 02P0 T4 DB66A70G2	2.6	1	2	0.75		A	Yes	\$1,768
16186026	MW500 A 02P6 T4 DB66A70G2	3.4	2	2.6	1		A	Yes	\$1,796
16186881	MW500 A 04P3 T4 DB66A70G2	5.7	3	4.3	2		A	Yes	\$2,070
16187282	MW500 B 05P2 T4 DB66A70G2	6.9	3	5.2	3		B	Yes	\$2,263
16187721	MW500 B 06P5 T4 DB66A70G2	8.6	5	6.5	3		B	Yes	\$2,368
16188333	MW500 B 10P0 T4 DB66A70G2	13.3	7.5	10	5	70 / 110 mm	B	Yes	\$2,537
16189420	MW500 C 14P0 T4 DB66G2	16.5	10	14	10		C	Yes	\$2,944
16189698	MW500 C 16P0 T4 DB66G2	19.2	10	16	10		C	Yes	\$3,318

MW500 - Standard with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC									
16179203	MW500 A 02P1 S2 DB66DSA70G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,833
16179974	MW500 A 02P9 S2 DB66DSA70G2	3.8	2	2.9	0.5		A	Yes	\$1,861
16180140	MW500 A 03P4 S2 DB66DSA70G2	4.5	3	3.4	0.75		A	Yes	\$1,882
16181819	MW500 A 04P3 S2 DB66DSA70G2	5.7	3	4.3	0.75		A	Yes	\$1,906
16182999	MW500 A 06P0 S2 DB66DSA70G2	6	5	6	1.5		A	Yes	\$1,990
380V - 3AC									
16183245	MW500 A 01P3 T4 DB66DSA70G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$1,925
16184547	MW500 A 01P6 T4 DB66DSA70G2	2.1	1	1.6	0.75		A	Yes	\$1,937
16185943	MW500 A 02P0 T4 DB66DSA70G2	2.6	1	2	0.75		A	Yes	\$1,958
16186826	MW500 A 02P6 T4 DB66DSA70G2	3.4	2	2.6	1		A	Yes	\$1,990
16187191	MW500 A 04P3 T4 DB66DSA70G2	5.7	3	4.3	2		A	Yes	\$2,299
16187432	MW500 B 05P2 T4 DB66DSA70G2	6.9	3	5.2	3		B	Yes	\$2,509
16188329	MW500 B 06P5 T4 DB66DSA70G2	8.6	5	6.5	3		B	Yes	\$2,630
16189091	MW500 B 10P0 T4 DB66DSA70G2	13.3	7.5	10	5	70 / 110 mm	B	Yes	\$2,818
16189461	MW500 C 14P0 T4 DB66DSG2	16.5	10	14	10		C	Yes	\$3,277
16189704	MW500 C 16P0 T4 DB66DSG2	19.2	10	16	10		C	Yes	\$3,696

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper	Gross Price
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾				
		A	HP	A	HP				
230V - 1AC									
16179123	MW500 A 02P1 S2 DB66C2A70G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,777
16179890	MW500 A 02P9 S2 DB66C2A70G2	3.8	2	2.9	0.5		A	Yes	\$1,804
16180065	MW500 A 03P4 S2 DB66C2A70G2	4.5	3	3.4	0.75		A	Yes	\$1,820
16180166	MW500 A 04P3 S2 DB66C2A70G2	5.7	3	4.3	0.75		A	Yes	\$1,845
16181878	MW500 A 06P0 S2 DB66C2A70G2	6	5	6	1.5		A	Yes	\$1,925
460V - 3AC									
16183135	MW500 A 01P3 T4 DB66C2A70G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$1,865
16184320	MW500 A 01P6 T4 DB66C2A70G2	2.1	1	1.6	0.75		A	Yes	\$1,877
16184714	MW500 A 02P0 T4 DB66C2A70G2	2.6	1	2	0.75		A	Yes	\$1,897
16186061	MW500 A 02P6 T4 DB66C2A70G2	3.4	2	2.6	1		A	Yes	\$1,925
16186954	MW500 A 04P3 T4 DB66C2A70G2	5.7	3	4.3	2		A	Yes	\$2,223
16187340	MW500 B 05P2 T4 DB66C2A70G2	6.9	3	5.2	3		B	Yes	\$2,428
16187779	MW500 B 06P5 T4 DB66C2A70G2	8.6	5	6.5	3		B	Yes	\$2,541
16188827	MW500 B 10P0 T4 DB66C2A70G2	13.3	7.5	10	5		B	Yes	\$2,727
16189426	MW500 C 14P0 T4 DB66C2G2	16.5	10	14	10	70 / 110	C	Yes	\$3,165
16189700	MW500 C 16P0 T4 DB66C2G2	19.2	10	16	10	mm	C	Yes	\$3,567

MW500 - RFI Filter with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC									
16179153	MW500 A 02P1 S2 DB66C2DSA70G2	2.8	1.5	2.1	0.33	70 mm	A	Yes	\$1,961
16179970	MW500 A 02P9 S2 DB66C2DSA70G2	3.8	2	2.9	0.5		A	Yes	\$1,997
16180133	MW500 A 03P4 S2 DB66C2DSA70G2	4.5	3	3.4	0.75		A	Yes	\$2,014
16180286	MW500 A 04P3 S2 DB66C2DSA70G2	5.7	3	4.3	0.75		A	Yes	\$2,042
16181883	MW500 A 06P0 S2 DB66C2DSA70G2	6	5	6	1.5		A	Yes	\$2,135
460V - 3AC									
16183165	MW500 A 01P3 T4 DB66C2DSA70G2	1.7	0.75	1.3	0.5	70 mm	A	Yes	\$2,066
16184427	MW500 A 01P6 T4 DB66C2DSA70G2	2.1	1	1.6	0.75		A	Yes	\$2,082
16185515	MW500 A 02P0 T4 DB66C2DSA70G2	2.6	1	2	0.75		A	Yes	\$2,106
16186818	MW500 A 02P6 T4 DB66C2DSA70G2	3.4	2	2.6	1		A	Yes	\$2,135
16186913	MW500 A 04P3 T4 DB66C2DSA70G2	5.7	3	4.3	2		A	Yes	\$2,468
16187347	MW500 B 05P2 T4 DB66C2DSA70G2	6.9	3	5.2	3		B	Yes	\$2,703
16188174	MW500 B 06P5 T4 DB66C2DSA70G2	8.6	5	6.5	3		B	Yes	\$2,827
16188853	MW500 B 10P0 T4 DB66C2DSA70G2	13.3	7.5	10	5		B	Yes	\$3,032
16189427	MW500 C 14P0 T4 DB66C2DSG2	16.5	10	14	10	70 / 110 mm	C	Yes	\$3,527
16189701	MW500 C 16P0 T4 DB66C2DSG2	19.2	10	16	10		C	Yes	\$3,979

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - NEC

Variable Speed Drives

MW500 - Accessories

Part Number	Product	Description	Gross Price
14741859	CFW500-IOS	IOS standard I/O expansion module	\$174
14742006	CFW500-IOD	IOD expansion module	\$220
14742129	CFW500-IOAD	IOAD expansion module	\$287
14968050	CFW500-IOR-B	IOR expansion module	\$196
14742001	CFW500-CUSB	USB communication module + Cable	\$333
14741999	CFW500-CCAN	CAN interface module (CANopen/DeviceNet)	\$219
14742005	CFW500-CRS232	RS-232 serial communication module (Modbus-RTU)	\$219
15353140	CFW500-CRS485-B	RS-485 serial communication module (Modbus-RTU)	\$227
12443605	CFW500-CPDP2	Profibus DP & DP-V1 interface module (terminal block connector)	\$637
12892815	CFW500-CEMB-TCP	Modbus TCP communication module	\$785
12892816	CFW500-CEPN-IO	Profinet/IO communication module	\$785
12892814	CFW500-CETH-IP	Ethernet/IP communication module	\$785
15560296	CFW500-SFY2	Safety Functions Module - STO and SS1-t (for MW500 G2 version)	\$189
11636485	CFW500-MMF	Flash memory module	\$300
11833992	CFW500-HMIR	Remote keypad	\$267
15578295	HMI-01	Alphanumeric remote HMI for MW500 G2 (for MW500 G2 version)	\$326
13929707	MW500-CCHMIR02M	2m (6.6ft) remote keypad cable (M8-DB9 connectors)	\$357
12330016	CFW500-CCHMIR01M	1m (3.3ft) remote keypad cable	\$38
12330459	CFW500-CCHMIR02M	2m (6.6ft) remote keypad cable	\$50
12330460	CFW500-CCHMIR03M	3m (10ft) remote keypad cable	\$66
12330461	CFW500-CCHMIR05M	5m (16ft) remote keypad cable	\$81
12330462	CFW500-CCHMIR75M	7.5m (25ft) remote keypad cable	\$98
12330463	CFW500-CCHMIR10M	10m (33ft) remote keypad cable	\$114
13100469	MW500-KCFA-CL56	Wall Mounting Kit - Frame size A - 56mm terminal box	\$45
13100470	MW500-KCFA-CL70	Wall Mounting Kit - Frame size A - 70mm terminal box	\$45
12362338	MW500-KCFB-CL56	Wall Mounting Kit - Frame size B - 56mm terminal box	\$52
13100468	MW500-KCFB-CL70	Wall Mounting Kit - Frame size B - 70mm terminal box	\$52
14142303	MW500-KCFC-CL70/110	Wall Mounting Kit - Frame size C	\$81
12778122	MW500-KAIM-A56	56mm terminal box Adaptor kit for frame size A	\$77
13185989	MW500-KAIM-A70	70mm terminal box Adaptor kit for frame size A	\$77
12778123	MW500-KAIM-B56	56mm terminal box Adaptor kit for frame size B	\$85
12778124	MW500-KAIM-B70	70mm terminal box Adaptor kit for frame size B	\$85

CFW501

HVAC-R Variable Speed Drive

The CFW501 family was designed to meet the needs of the HVAC-R market (heating, ventilation, air conditioning and refrigeration), also offering the following special functions: FireMode, Bypass, BACnet Communication, Dry Pump Control and Broken Belt Identification. The CFW501 family is perfect for use in ventilation and pumping systems that are often found in shopping malls, hotels, airports, etc.



- Certifications:



Technical data:

- Single and three-phase power supply.
- Voltage range: 200-240Vac and 380-480Vac, both for three-phase models.
- Current / Power range: up to 31Amps / 15 kW (20 HP)
- Control mode: scalar (V/Hz) or voltage vector VVW.
- Switching frequency: 2.5 to 15kHz.
- Overload capacity: 110% for 60sec every 10min, 150% for 3sec every 10min.
- Degree of protection: IP20.
- Operating temperature:
 - Frame A to E: -10 to 50°C. 40°C if installed side-by-side
up to 50°C with current derating (2% for each 1°C above 40°C).
 - Frame F to G: -10 to 60°C. Frame F 40°C and Frame G 45°C, if installed side-by-side.
up to 60°C with current derating (1% for each 1°C above 40°C and 2% for each 1°C above 50°C).
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 90% non-condensing.
- Integrated brake chopper for frame size B, C, D, E, F and G (not available for size A).
- Built-in PID controller (3x).
- Local keypad supplied as standard.
- Built-in RFI Filter

- I/O connections:

	CRS485
Digital inputs	4
Digital outputs	1
Relay outputs	2
Analog inputs	2
Analog outputs	1

- Fieldbus:

Modbus RTU	BACnet	Metasys N2
CRS485 (built-in)	CRS485 (built-in)	CRS485 (built-in)

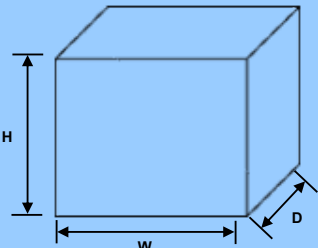
Accessories:

- IP21/NEMA1 kit
- Flash Memory
- External HMI

HVAC-R Variable Speed Drive

Product and Series	Model Identification				Braking	Degree of Protection	Conducted Emission Level	Special Hardware	Special Firmware
	Frame Size	Rated Current	No. of phases power supply	Rated Voltage					
CFW501	A	01P6	T	4	NB	20	C2	-	-
CFW501	A	01P0 = 1.0	T = three-phase						
	B	01P6 = 1.6	2 = 200...240V						
	C	02P6 = 2.6	4 = 380...480V						
	D	04P3 = 4.3	NB = without braking chopper						
	E	06P1 = 6.1	DB = braking chopper						
	F	06P5 = 6.5	20 = IP20						
	G	07P0 = 7.0	N1 = NEMA1 Enclosure						
		07P3 = 7.3	Blank = without RFI filter						
		09P6 = 9.6	C2 = According to category 2 of IEC 61800-3 standard						
		10P0 = 10	C3 = According to category 3 of IEC 61800-3 standard						
		14P0 = 14	Hx = special hardware						
		16P0 = 16	Blank = Standard firmware						
		24P0 = 24	Sx = special firmware						
		28P0 = 28							
		31P0 = 31							
		33P0 = 33							
		39P0 = 39							
		47P0 = 47							
		49P0 = 49							
		56P0 = 56							
		77P0 = 77							
		88P0 = 88							
		105P0 = 105							
		145P0 = 145							
		180P0 = 180							
		211P0 = 211							

- Dimensions and weight (without packaging):

Frame size	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (in)	
A	190 (7.48)	76 (2.99)	150 (5.91)	0.8 (1.76)	
B	200 (7.87)	101 (3.98)	161 (6.34)	1.2 (2.65)	
C	210 (8.27)	135.2 (3.98)	165.1 (6.34)	2 (4.41)	
D	306.6 (12.07)	180 (7.09)	166.5 (6.56)	4.3 (9.48)	
E	350 (13.78)	220 (8.66)	191.5 (7.54)	10 (22.05)	
F	550 (21.65)	300 (11.81)	254 (10)	26 (56.32)	
G	675 (26.57)	335.3 (13.20)	314 (12.36)	52 (114.64)	

Variable Speed Drives

CFW501 - RFI Filter (with CRS485 plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current	Motor ⁽¹⁾	Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	Gross Price
		A	HP				
230V - 3AC							
12199697	CFW501 A 01P6 T2 NB20C3	1.6	0.33	A	40°C	No	\$999
12199688	CFW501 A 02P6 T2 NB20C3	2.6	0.5	A	40°C	No	\$1,068
12199776	CFW501 A 04P3 T2 NB20C3	4.3	0.75	A	40°C	No	\$1,156
12199777	CFW501 A 07P0 T2 NB20C3	7	2	A	40°C	No	\$1,306
12199869	CFW501 A 09P6 T2 NB20C3	9.6	3	A	40°C	No	\$1,426
13531340	CFW501 A 12P2 T2 NB20C3	12.2	3	A	40°C	No	\$1,475
13608660	CFW501 B 16P0 T2 DB20C3	16	5	B	40°C	Yes	\$1,756
12209447	CFW501 B 17P0 T2 DB20C3	17	5	B	40°C	Yes	\$1,808
13531425	CFW501 B 19P4 T2 DB20C3	19.4	5	B	40°C	Yes	\$1,865
12209558	CFW501 C 24P0 T2 DB20C3	24	7.5	C	40°C	Yes	\$2,087
16202815	CFW501 D 28P0 T2 DB20C3G2	28	10	D	40°C	Yes	\$2,380
16202817	CFW501 D 33P0 T2 DB20C3G2	33	10	D	40°C	Yes	\$3,056
16202918	CFW501 D 47P0 T2 DB20C3G2	47	15	D	40°C	Yes	\$3,725
16203991	CFW501 E 56P0 T2 DB20C3G2	56	20	E	40°C	Yes	\$4,215
16204628	CFW501 F 77P0 T2 DB20C3G2	77	25	F	40°C	Yes	\$5,319
16204632	CFW501 F 88P0 T2 DB20C3G2	88	30	F	40°C	Yes	\$6,180
16204792	CFW501 F 0105 T2 DB20C3G2	105	40	F	40°C	Yes	\$7,939
16204888	CFW501 G 0145 T2 NB20C3G2	145	50	G	45°C	No	\$10,938
16204989	CFW501 G 0180 T2 NB20C3G2	180	60	G	45°C	No	\$15,234
16204994	CFW501 G 0211 T2 NB20C3G2	211	75	G	45°C	No	\$19,963
16204862	CFW501 G 0145 T2 DB20C3G2	145	50	G	45°C	Yes	\$11,703
16204896	CFW501 G 0180 T2 DB20C3G2	180	60	G	45°C	Yes	\$16,300
16204992	CFW501 G 0211 T2 DB20C3G2	211	75	G	45°C	Yes	\$21,360
460V - 3AC							
12209559	CFW501 A 01P0 T4 NB20C3	1	0.33	A	40°C	No	\$1,321
12209560	CFW501 A 01P6 T4 NB20C3	1.6	0.75	A	40°C	No	\$1,349
12209561	CFW501 A 02P6 T4 NB20C3	2.6	1	A	40°C	No	\$1,418
12209564	CFW501 A 04P3 T4 NB20C3	4.3	2	A	40°C	No	\$1,627
12209624	CFW501 A 06P1 T4 NB20C3	6.1	3	A	40°C	No	\$1,865
12209565	CFW501 B 02P6 T4 DB20C3	2.6	1	B	40°C	Yes	\$1,482
12209567	CFW501 B 04P3 T4 DB20C3	4.3	2	B	40°C	Yes	\$1,699
12209619	CFW501 B 06P5 T4 DB20C3	6.5	3	B	40°C	Yes	\$1,937
12209620	CFW501 B 10P0 T4 DB20C3	10	5	B	40°C	Yes	\$2,251
12209621	CFW501 C 14P0 T4 DB20C2	14	10	C	40°C	Yes	\$2,694
12209622	CFW501 C 16P0 T4 DB20C2	16	10	C	40°C	Yes	\$3,072
13244840	CFW501 D 24P0 T4 DB20C3	24	15	D	40°C	Yes	\$3,732
13244841	CFW501 D 31P0 T4 DB20C3	31	20	D	40°C	Yes	\$4,622
16203993	CFW501 E 39P0 T4 DB20C3G2	39	25	E	40°C	Yes	\$5,149
16203997	CFW501 E 49P0 T4 DB20C3G2	49	30	E	40°C	Yes	\$6,509
16204838	CFW501 F 77 P0 T4 DB20C3G2	77	60	F	40°C	Yes	\$8,536
16204844	CFW501 F 88P0 T4 DB20C3G2	88	60	F	40°C	Yes	\$10,280
16204858	CFW501 F 0105 T4 DB20C3G2	105	75	F	40°C	Yes	\$11,776
16204997	CFW501 G 0142 T4 NB20C3G2	142	100	G	45°C	No	\$14,564
16205972	CFW501 G 0180 T4 NB20C3G2	180	150	G	45°C	No	\$21,247
16205974	CFW501 G 0211 T4 NB20C3G2	211	150	G	45°C	No	\$24,751
16204995	CFW501 G 0142 T4 DB20C3G2	142	100	G	45°C	Yes	\$15,585
16205099	CFW501 G 0180 T4 DB20C3G2	180	150	G	45°C	Yes	\$22,735
16205973	CFW501 G 0211 T4 DB20C3G2	206	150	G	45°C	Yes	\$26,484

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Models T2 12P2, 17P0 and 19P4 are not UL listed.

Variable Speed Drives

CFW501 - NEMA1 with RFI Filter (with CRS485 plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current	Motor ⁽¹⁾	Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper	List Price
		A	HP				
230V - 3AC							
12350001	CFW501 A 01P6 T2 NBN1C3	1.6	0.33	A	40°C	No	\$1,044
12350088	CFW501 A 02P6 T2 NBN1C3	2.6	0.5	A	40°C	No	\$1,112
12350089	CFW501 A 04P3 T2 NBN1C3	4.3	0.75	A	40°C	No	\$1,201
12350094	CFW501 A 07P0 T2 NBN1C3	7	2	A	40°C	No	\$1,349
12350097	CFW501 A 09P6 T2 NBN1C3	9.6	3	A	40°C	No	\$1,470
13531342	CFW501 A 12P2 T2 NBN1C3	12.2	3	A	40°C	No	\$1,518
13608661	CFW501 B 16P0 T2 DBN1C3	16	5	B	40°C	Yes	\$1,808
12350152	CFW501 B 17P0 T2 DBN1C3	17	5	B	40°C	Yes	\$1,861
13531426	CFW501 B 19P4 T2 DBN1C3	19.4	5	B	40°C	Yes	\$1,918
12350153	CFW501 C 24P0 T2 DBN1C3	24	7.5	C	40°C	Yes	\$2,154
460V - 3AC							
12350157	CFW501 A 01P0 T4 NBN1C3	1	0.33	A	40°C	No	\$1,366
12350311	CFW501 A 01P6 T4 NBN1C3	1.6	0.75	A	40°C	No	\$1,394
12350312	CFW501 A 02P6 T4 NBN1C3	2.6	1	A	40°C	No	\$1,463
12350313	CFW501 A 04P3 T4 NBN1C3	4.3	2	A	40°C	No	\$1,671
12350314	CFW501 A 06P1 T4 NBN1C3	6.1	3	A	40°C	No	\$1,909
12350315	CFW501 B 02P6 T4 DBN1C3	2.6	1	B	40°C	Yes	\$1,535
12350316	CFW501 B 04P3 T4 DBN1C3	4.3	2	B	40°C	Yes	\$1,752
12350317	CFW501 B 06P5 T4 DBN1C3	6.5	3	B	40°C	Yes	\$1,990
12350398	CFW501 B 10P0 T4 DBN1C3	10	5	B	40°C	Yes	\$2,304
12350399	CFW501 C 14P0 T4 DBN1C2	14	10	C	40°C	Yes	\$2,763
12350400	CFW501 C 16P0 T4 DBN1C2	16	10	C	40°C	Yes	\$3,141
13721559	CFW501 D 24P0 T4 DBN1C3	24	15	D	40°C	Yes	\$3,825
13721560	CFW501 D 31P0 T4 DBN1C3	31	20	D	40°C	Yes	\$4,715

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Models T2 don't have CE mark.

Models T2 12P2, 17P0 and 19P4 are not UL listed.

Variable Speed Drives

CFW501 - Accessories

Part Number	Product	Description	List Price
11636485	CFW500-MMF	Flash memory module	\$300
15560296	CFW500-SFY2	STO and SS1 safety module	\$189
12254593	CFW501-HMIR	Remote keypad	\$267
12330016	CFW500-CCHMIR01M	1m (3.3ft) remote keypad cable	\$38
12330459	CFW500-CCHMIR02M	2m (6.6ft) remote keypad cable	\$50
12330460	CFW500-CCHMIR03M	3m (10ft) remote keypad cable	\$66
12330461	CFW500-CCHMIR05M	5m (16ft) remote keypad cable	\$81
12330462	CFW500-CCHMIR75M	7.5m (25ft) remote keypad cable	\$98
12330463	CFW500-CCHMIR10M	10m (33ft) remote keypad cable	\$114
12254653	CFW501-KN1A	NEMA 1 kit – frame size A (standard for N1)	\$46
12254901	CFW501-KN1B	NEMA 1 kit – frame size B (standard for N1)	\$54
12254902	CFW501-KN1C	NEMA 1 kit – frame size C (standard for N1)	\$71
13251766	CFW501-KN1D	NEMA 1 kit – frame size D (standard for N1)	\$93
16700544	CFW501-KN1E	NEMA 1 kit – frame size E (standard for N1)	\$101
14601107	CFW500-KN1F	NEMA 1 kit – frame size F (standard for N1)	\$220
15461789	CFW500-KN1G	NEMA 1 kit – frame size G (standard for N1)	\$288

The SSW05 electronic Soft-Starter has been designed to drive three-phase induction motors applied to light duty loads.

Applications

- Centrifugal Pumps
- Axial Fans
- Screw Compressors



- Certifications:



SSW05

Micro Soft-Starter

Technical data:

- Voltage range: 220-440 V and 460-575 V for three-phase power supply
- Control and Fan power supply: 90...250Vac
- Current/Power range: up to 85 Amps / 55kW (75HP)
- Overload capacity: 300% for 10 seconds every 15 minutes
- Degree of protection: IP00
- Operating temperature: 0 to 55°C
- Altitude: 0 to 1000m
up to 4000m with current reduction (1% for every 100m above 1000m)
- Humidity: 5 to 90% non-condensing.
- Initial Voltage Adjustment (30%...90%)
- Acceleration ramp time 1...20s
- Deceleration ramp time: OFF or 1...20s
- Rated Motor Current Adjustment: 30%...100%
- Built-in By-pass
- I/O connections:
 - 1 Digital Input to Start/Stop function
 - 1 Output Relay indicating when the Soft-Starter reached 100% of rated voltage (for by-pass)
 - 1 Output Relay indicating that the Soft-Starter is running
 - 1 Digital Input for errors reset

- Fieldbus:											
RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet	
Standard	MIW-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Accessories:

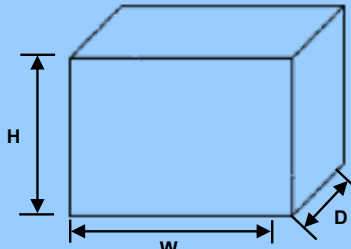
- Remote Keypad
- Communication Cables

SSW05

Micro Soft-Starter

Product and Series	Model Identification					Special hardware version	Special software version	End of code
	Rated current (A)	No. of phases power supply	Rated voltage	Manual Language	Product version			
SSW05	0010	T	2246	T	P	-	-	Z
SSW05	0003	T = three-phase	2246 = 220...460Vac 4657 = 460...575Vac					
	0010							
	0016							
	0023	T = Trilingual						
	0030	P = Portuguese						
	0045	E = English						
	0060	S = Spanish						
	0085	P = Plus version						
		Blank = Standard version						
		Hx = Optional version x (H1...Hn)						
		Blank = Standard version						
		Sx = Optional version x (S1...Sn)						
		Z = End of coding						

- Dimensions and weight (without packaging):

Frame size	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lbs)	
1	130 (5.12)	59 (2.32)	145 (5.71)	0.8 (1.76)	
2	185 (7.28)	79 (3.11)	172 (6.77)	1.7 (3.75)	

Soft Starters

SSW05 - Plus - 220~460V & 460~575V

Part Number	Product	Rated Current	Motor ⁽¹⁾	Frame Size	Max. ⁽²⁾ Temp.	List Price
		A	HP			
230V - 3AC						
10413826	SSW05 0003 T2246 TPZ	3	0.5	1	55°C	\$900
10413820	SSW05 0010 T2246 TPZ	10	3	1	55°C	\$919
10413821	SSW05 0016 T2246 TPZ	16	5	1	55°C	\$1,012
10413822	SSW05 0023 T2246 TPZ	23	7.5	1	55°C	\$1,092
10413823	SSW05 0030 T2246 TPZ	30	10	1	55°C	\$1,172
10413824	SSW05 0045 T2246 TPZ	45	15	2	55°C	\$1,507
10328754	SSW05 0060 T2246 TPZ	60	20	2	55°C	\$1,843
10413825	SSW05 0085 T2246 TPZ	85	30	2	55°C	\$2,216
460V - 3AC						
10413826	SSW05 0003 T2246 TPZ	3	1.5	1	55°C	\$900
10413820	SSW05 0010 T2246 TPZ	10	5	1	55°C	\$919
10413821	SSW05 0016 T2246 TPZ	16	10	1	55°C	\$1,012
10413822	SSW05 0023 T2246 TPZ	23	15	1	55°C	\$1,092
10413823	SSW05 0030 T2246 TPZ	30	20	1	55°C	\$1,172
10413824	SSW05 0045 T2246 TPZ	45	30	2	55°C	\$1,507
10328754	SSW05 0060 T2246 TPZ	60	40	2	55°C	\$1,843
10413825	SSW05 0085 T2246 TPZ	85	60	2	55°C	\$2,216
575V - 3AC						
10052025	SSW05 0003 T4657 TPZ	3	2	1	55°C	\$940
10686569	SSW05 0010 T4657 TPZ	10	7.5	1	55°C	\$983
10686571	SSW05 0016 T4657 TPZ	16	10	1	55°C	\$1,116
10686572	SSW05 0023 T4657 TPZ	23	20	1	55°C	\$1,203
10686573	SSW05 0030 T4657 TPZ	30	25	1	55°C	\$1,288
10686576	SSW05 0045 T4657 TPZ	45	40	2	55°C	\$1,659
10584471	SSW05 0060 T4657 TPZ	60	50	2	55°C	\$2,026
10052026	SSW05 0085 T4657 TPZ	85	75	2	55°C	\$2,432

110V or 230V Control power supply required

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

SSW05 - Accessories

Part Number	Product	Description	List Price
Cables for HMI			
10050268	CAB-RS-1	Cable for Serial Keypad - 1m	\$37
10190951	CAB-RS-2	Cable for Serial Keypad - 2m	\$49
10211478	CAB-RS-3	Cable for Serial Keypad - 3m	\$66
10715777	CAB-RS-5	Cable for Serial Keypad - 5m	\$81
10050302	CAB-RS-7.5	Cable for Serial Keypad - 7.5m	\$97
10191029	CAB-RS-10	Cable for Serial Keypad - 10m	\$114
Keypad Accessories			
10993032	HMI-SSW05-RS	Serial Keypad	\$202
Communication Modules			
10051677	MIW-02	WEG RS-232 to RS-485 Interface Module	\$340

The Soft Starter SSW-07 and SSW-08 series has been developed on the matter of achieving the best cost-benefit ratio, the SSW07 applied for heavy duty applications and the SSW-08 for normal duty applications.

SSW07 for Heavy Duty Applications

- Stone Crusher
- Centrifuge
- Wood Chipper
- Wood Slicing machine
- Conveyor
- Axial and Centrifugal Fan
- Ball Mill (Ceramic)
- Hammer Mill

SSW08 for Normal Duty Applications

- Centrifugal Pump
- Submerge Centrifugal Pump
- Blade Vacuum Pump
- Screw Compressor
- Paper Refiner
- Sieving Machine
- Mixer



- Certifications:



SSW07

General Purpose Soft-Starter

Technical data:

- Voltage range: 220-575 Vac for three-phase power supply
- Current range/power: up to 412 Amps / 300kW (450HP)
- Power range: up to 110kW @ 230Vac, 220kW @ 400Vac and 300kW @ 525Vac.
- Overload capacity:
 - SSW07:
 - SSW08:
- Degree of protection: IP20 (up to 85A) and IP00 (130A and above)
- Operating temperature: 0 to 55°C
- Altitude: 0 to 1000m
 - up to 4000m with current reduction (1% for every 100m above 1000m)
- Built-in By-pass
- Control features:
 - Pump Control system
 - Voltage Ramp Control
 - Voltage Kick Start
 - Current Limit
- I/O connections:
 - 3 Isolated digital inputs
 - 2 Outputs relays with NO contacts, 240 V / 1 A, programmable functions

- Fieldbus:

RS232 Modbus RTU	RS485 Modbus RTU	Modbus TCP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet
KRS-232 SSW07/08	KRS-485 SSW07/08	NA	NA	NA	NA	KFB-DN SSW07/08	NA	NA

Accessories:

- Remote HMI
- IP20 protections
- I/Os Expansions
- PT100 transducer

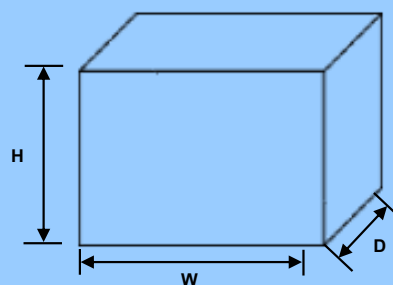
SSW07

General Purpose Soft-Starter

Product and Series	Model Identification					Special hardware version	Special software version	End of code
	Rated current (A)	Power supply	Rated voltage	Product version	Degree of protection			
SSW07	0085	T	5	S	-	-	-	Z
SSW07	17	T = Three-phase						
	24	5 = 220...575Vac						
	30	S = Standard						
	45	O = with additional option						
	61	Blank = Standard version						
	85	IP = IP20 for models from 130A up to 412A						
	130	Blank = Standard version						
	171	H1 = Electronic Supply 110...130Vac (frame size 4)						
	200	H2 = Electronic Supply 208...240Vac (frame size 4)						
	255	Blank = Standard version						
	312	Sx = Optional version x (S1...Sn)						
	365	Z = End of coding						
	412							

- Dimensions and weight (without packaging):

Frame size	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lbs)
1	162	95	157	1.3
2	209	141	202	3.3
3	276	218	220	7.6
4	331	227	242	11.5



Soft Starters

SSW07 - Heavy Duty Starter - 200~575V

Part Number	Product	Rated Current	Motor ⁽¹⁾	Frame Size	Max. ⁽²⁾ Temp.	Price Price
		A	HP			
230V - 3AC						
10194170	SSW07 0017 T5 SZ	17	5	1	55°C	\$1,959
10194171	SSW07 0024 T5 SZ	24	7.5	1	55°C	\$2,083
10194172	SSW07 0030 T5 SZ	30	10	1	55°C	\$2,145
10194173	SSW07 0045 T5 SZ	45	15	2	55°C	\$2,410
10194174	SSW07 0061 T5 SZ	61	20	2	55°C	\$2,686
10194175	SSW07 0085 T5 SZ	85	30	2	55°C	\$3,202
10194176	SSW07 0130 T5 SZ	130	50	3	55°C	\$3,961
10233130	SSW07 0171 T5 SZ	171	60	3	55°C	\$4,965
10233131	SSW07 0200 T5 SZ	200	75	3	55°C	\$5,844
11043354	SSW07 0255 T5 SH1Z*	255	100	4	55°C	\$7,773
11043356	SSW07 0312 T5 SH1Z*	312	125	4	55°C	\$8,441
11043368	SSW07 0365 T5 SH1Z*	365	150	4	55°C	\$8,772
11043370	SSW07 0412 T5 SH1Z*	412	150	4	55°C	\$10,293
11043355	SSW07 0255 T5 SH2Z*	255	100	4	55°C	\$7,773
11043357	SSW07 0312 T5 SH2Z*	312	125	4	55°C	\$8,441
11043369	SSW07 0365 T5 SH2Z*	365	150	4	55°C	\$8,772
11043371	SSW07 0412 T5 SH2Z*	412	150	4	55°C	\$10,293
460V - 3AC						
10194170	SSW07 0017 T5 SZ	17	10	1	55°C	\$1,959
10194171	SSW07 0024 T5 SZ	24	15	1	55°C	\$2,083
10194172	SSW07 0030 T5 SZ	30	20	1	55°C	\$2,145
10194173	SSW07 0045 T5 SZ	45	30	2	55°C	\$2,410
10194174	SSW07 0061 T5 SZ	61	40	2	55°C	\$2,686
10194175	SSW07 0085 T5 SZ	85	60	2	55°C	\$3,202
10194176	SSW07 0130 T5 SZ	130	100	3	55°C	\$3,961
10233130	SSW07 0171 T5 SZ	171	125	3	55°C	\$4,965
10233131	SSW07 0200 T5 SZ	200	150	3	55°C	\$5,844
11043354	SSW07 0255 T5 SH1Z*	255	200	4	55°C	\$7,773
11043356	SSW07 0312 T5 SH1Z*	312	250	4	55°C	\$8,441
11043368	SSW07 0365 T5 SH1Z*	365	300	4	55°C	\$8,772
11043370	SSW07 0412 T5 SH1Z*	412	300	4	55°C	\$10,293
11043355	SSW07 0255 T5 SH2Z*	255	200	4	55°C	\$7,773
11043357	SSW07 0312 T5 SH2Z*	312	250	4	55°C	\$8,441
11043369	SSW07 0365 T5 SH2Z*	365	300	4	55°C	\$8,772
11043371	SSW07 0412 T5 SH2Z*	412	300	4	55°C	\$10,293
575V - 3AC						
10194170	SSW07 0017 T5 SZ	17	15	1	55°C	\$1,959
10194171	SSW07 0024 T5 SZ	24	20	1	55°C	\$2,083
10194172	SSW07 0030 T5 SZ	30	25	1	55°C	\$2,145
10194173	SSW07 0045 T5 SZ	45	40	2	55°C	\$2,410
10194174	SSW07 0061 T5 SZ	61	50	2	55°C	\$2,686
10194175	SSW07 0085 T5 SZ	85	75	2	55°C	\$3,202
10194176	SSW07 0130 T5 SZ	130	125	3	55°C	\$3,961
10233130	SSW07 0171 T5 SZ	171	150	3	55°C	\$4,965
10233131	SSW07 0200 T5 SZ	200	200	3	55°C	\$5,844
11043354	SSW07 0255 T5 SH1Z*	255	250	4	55°C	\$7,773
11043356	SSW07 0312 T5 SH1Z*	312	300	4	55°C	\$8,441
11043368	SSW07 0365 T5 SH1Z*	365	350	4	55°C	\$8,772
11043370	SSW07 0412 T5 SH1Z*	412	450	4	55°C	\$10,293
11043355	SSW07 0255 T5 SH2Z*	255	250	4	55°C	\$7,773
11043357	SSW07 0312 T5 SH2Z*	312	300	4	55°C	\$8,441
11043369	SSW07 0365 T5 SH2Z*	365	350	4	55°C	\$8,772
11043371	SSW07 0412 T5 SH2Z*	412	450	4	55°C	\$10,293

* H1 = 115V Ventilation / H2 = 230V Ventilation

90~230V Control power supply required

(1) Motor power ratings are based on: WEG - NEC

(2) Maximum surrounding air temperature without current derating

Soft Starters

SSW07 - Accessories

Part Number	Product	Description	List Price
Keypad Accesories			
10935572	HMI - Local - SSW07/08	Keypad	\$248
10935649	HMI - Remote - SSW07	Remote Keypad Kit (HMI + MIS) - SSW07	\$483
10885878	HMI - Remote - SSW08	Remote Keypad Kit (HMI + MIS) - SSW08	\$508
12368331	HMI-SSW07-REM+RS485	Remote Keypad Kit (HMI + RS485) - SSW07	\$488
12368332	HMI-SSW08-REM+RS485	Remote Keypad Kit (HMI + RS485) - SSW08	\$488
Cables for HMI			
10050268	CAB-RS-1	Cable for Serial Keypad - 1m	\$37
10190951	CAB-RS-2	Cable for Serial Keypad - 2m	\$49
10211478	CAB-RS-3	Cable for Serial Keypad - 3m	\$66
10715777	CAB-RS-5	Cable for Serial Keypad - 5m	\$81
10050302	CAB-RS-7.5	Cable for Serial Keypad - 7.5m	\$97
10191029	CAB-RS-10	Cable for Serial Keypad - 10m	\$114
Communication			
10935578	KRS - 232 - SSW07/08	RS-232 Communication Kit	\$199
10935573	KRS - 485 - SSW07/08	RS-485 Communication Kit	\$234
10935681	KFB-DN SSW07/08	DeviceNet Communication Kit + Remote HMI Connection	\$471
Cables for Communication			
10050328	CAB-RS-3	Cable for Communication RS232 (DB9-DB9) - 3 m	\$113
10191117	CAB-RS-10	Cable for Communication RS232 (DB9-DB9) - 10 m	\$244
Ventilation Kit			
10935650	Ventilation Kit M2	Ventilation Kit M2 (45 to 85 A)	\$109
10935559	Ventilation Kit M3	Ventilation Kit M3 (130 to 200 A)	\$157
PTC Kit			
10935663	Kit PTC SSW07/08 Motor	PTC Kit for motor	\$184
IP20 Kit			
10935651	SSW0708900-IP20-3C	IP20 Kit for M3 (130 to 200 A)	\$93
11059230	SSW0708900-IP20-4D	IP20 Kit for M4 (255 to 412 A)	\$179
Front cover Kit for power terminals			
14691775	SSW0708900-PROT-3C	Front cover kit for power terminals for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)	\$77
14691772	SSW0708900-PROT-4D	Front cover kit for power terminals for SSW07/08 frame 4 and SSW900 frame D (255 to 412 A)	\$93
Superdrive Kit			
10945062	KSDG2 SSW07/08	Superdrive G2 Kit (KRS-232-SSW07+CAB-RS-3+CD Software)	\$333

The SSW900 is designed for Heavy and light duty applications offering a big variety of functions as well as accessories that meet entirely the market demands in all segments. Beyond all great functionalities found on current WEG Softstarters additional flexibility were given to the SSW900 like Modem and easy to use display with embedded USB port, Real Time Clock(RTC), several new communication modules (Profinet IO, Modbus TCP, Ethernet IP) and Soft PLC capability using WPS software.

Applications

- Pumps
- Centrifugal Fans
- Compressors
- Conveyors
- Crushers



- Certifications ⁽¹⁾:  

(1) Check with your sales representative about certification for the 690V models.

SSW900

Soft-Starter

Technical data:

- Voltage range: 220-690 V for three-phase power supply
- Current range: 10 up to 1400 Amps / (2200HP)_575V
- Overload capacity: 300% for 30 seconds, 10 Starts/hour (with ventilation kit) for frame sizes A through D
- Overload capacity: 300% for 30 seconds, 5 Starts/hour for frame size E through G
- Degree of protection: IP20 (10 to 105A) and IP00 (130A and above)
- Operating temperature: 0 to 55°C for frame sizes A to D and 0 to 40°C for frame size E to G.
- Altitude: 0 to 1000m

From 1000 to 4000m with current reduction (1% for every 100m)

From 2000m up to 4000m with voltage reduction (1.1% for every 100m)

- Humidity: 5 to 90% non-condensing.
- Built-in By-pass
- Graphic Keypad
- Soft PLC Built-in
- USB Built into the keypad
- Three different braking methods
- Standard three wires or inside delta connection (six wires)
- Fire mode
- Real Time Clock
- Thermistor input

- Control features:

Copy function(keypad)

Voltage and Current Ramp Control

Current limitation

Torque control

2 slots for IO expansion or communication Modules

Help Soft key for programming

Log of events

- I/O connections:

	Std
Digital inputs	5
Digital outputs	-
Relay outputs	3
Analog inputs	-
Analog outputs	1

- Fieldbus:

RS232 Modbus RTU	RS485 Modbus RTU	Modbus TCP	Profibus V1/V0 DP-	Modbus-TCP	Profinet IO	CANopen/Device net	DeviceNet	EtherNet/IP	Profinet S2	BACnet
NA	SSW900-CRS485-W	SSW900-CMB-TCP-N	SSW900-CPDP-N	SSW900-CMB-TCP-N SSW900-CETH-W	SSW900-CPN-IO-N	SSW900-CAN-W	SSW900-CDN-N	SSW900-CETH-IP-N SSW900-CETH-W	SSW900-CPN-S2-N	NA

Accessories:

- Remote keypad kit (frame + cable)
- IP20 kit
- 6 Channels RTD Module
- External Current Acquisition kit
- Ventilation kit
- Touch Protection kit
- Kit with six bars

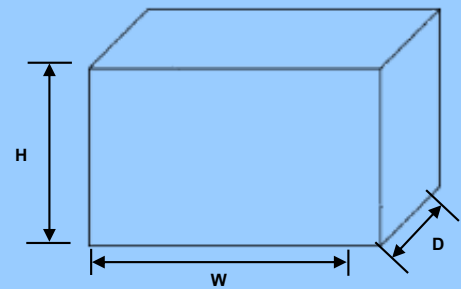
SSW900

Soft-Starter

Product and Series	Model Identification				Special hardware version	Special software version
	Rated current (A)	Power supply	Rated voltage	Control Voltage		
SSW900	0085	T	5	E	-	-
SSW900	0010	T = Three-phase	5	E		
	0017	5 = 220...575Vac				
	0024	6 = 380...690Vac				
	0030	E2 = 110~240V				
	0045	E3 = 110~130V	5	E		
	0061	E4 = 220~240V				
	0085	Blank = Standard version				
	0105	B = Bluetooth Version				
	0130	Hx = Optional version x (H1...Hn)				
	0171	Blank = Standard version	5	E		
	0200	Sx = Optional version x (S1...Sn)				
	0255					
	0312					
	0365					
	0412					
	0255					
	0312					
	0365					
	0412					
	480					
	604					
	670					
	820					
	950					
	1100					
	1400					

- Dimensions and weight (without packaging):

Frame size	Height_H (mm)	Width_W (mm)	Depth_D (mm)	Weight kg(Lbs)
A	200	127	203	1,93 (4,25)
B	208	144	260	4,02 (8,86)
C	276	223	261	6,55 (14,44)
D	331	227	282	12,83 (28,28)
E	575	390	260	38,00 (83,75)
F	800	464	316	75,40 (166,23)
G	914	539	316	107,20 (236,34)



Soft Starters

SSW900 - with Bluetooth Interface ⁽⁴⁾ - 220~575V

Part Number	Product ⁽⁴⁾	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Control Voltage (Vac)	Gross Price
		3 Wires	6 Wires ⁽³⁾	3 Wires	6 Wires ⁽³⁾				
		A		HP					
230V - 3AC									
15824666	SSW900 A 0010 T5 E2 B	10	-	3	10	A	55°C	110~240	\$2,168
15824667	SSW900 A 0017 T5 E2 B	17	-	5	15	A	55°C		\$2,435
15824808	SSW900 A 0024 T5 E2 B	24	-	7.5	20	A	55°C		\$2,674
15824809	SSW900 A 0030 T5 E2 B	30	-	10	30	A	55°C		\$2,897
15824811	SSW900 B 0045 T5 E2 B	45	-	15	40	B	55°C		\$3,364
15824813	SSW900 B 0061 T5 E2 B	61	-	20	60	B	55°C		\$3,712
15824814	SSW900 B 0085 T5 E2 B	85	-	30	75	B	55°C		\$4,553
15824815	SSW900 B 0105 T5 E2 B	105	-	40	100	B	55°C		\$4,780
15824816	SSW900 C 0130 T5 E2 B	130	225	50	125	C	55°C		\$5,399
15824817	SSW900 C 0171 T5 E2 B	171	296	60	175	C	55°C		\$6,612
15824968	SSW900 C 0200 T5 E2 B	200	346	75	200	C	55°C	\$8,316	
15824969	SSW900 D 0255 T5 E3 B	255	442	100	250	D	55°C	\$11,536	
15824971	SSW900 D 0312 T5 E3 B	312	540	125	300	D	55°C	\$12,527	
15824973	SSW900 D 0365 T5 E3 B	365	632	150	400	D	55°C	\$13,021	
15824975	SSW900 D 0412 T5 E3 B	412	714	150	450	D	55°C	\$15,273	
15825281	SSW900 E 0480 T5 E3 B	480	831	200	450	E	40°C	\$16,081	
15825368	SSW900 E 0604 T5 E3 B	604	1046	200	610	E	40°C	\$17,868	
15825373	SSW900 E 0670 T5 E3 B	670	1160	250	680	E	40°C	\$20,454	
15825439	SSW900 F 0820 T5 E3 B	820	1420	300	850	F	40°C	\$24,047	
15825445	SSW900 F 0950 T5 E3 B	950	1645	350	970	F	40°C	\$35,919	
15827769	SSW900 G 1100 T5 E3 B	1100	1905	450	1250	G	40°C	\$43,122	
15827770	SSW900 G 1400 T5 E3 B	1400	2425	600	1515	G	40°C	\$55,273	
15824970	SSW900 D 0255 T5 E4 B	255	442	100	250	D	55°C	\$11,536	
15824972	SSW900 D 0312 T5 E4 B	312	540	125	300	D	55°C	\$12,527	
15824974	SSW900 D 0365 T5 E4 B	365	632	150	400	D	55°C	\$13,021	
15824976	SSW900 D 0412 T5 E4 B	412	714	150	450	D	55°C	\$15,273	
15825285	SSW900 E 0480 T5 E4 B	480	831	200	450	E	40°C	\$16,081	
15825370	SSW900 E 0604 T5 E4 B	604	1046	200	610	E	40°C	\$17,868	
15825377	SSW900 E 0670 T5 E4 B	670	1160	250	680	E	40°C	\$20,454	
15825443	SSW900 F 0820 T5 E4 B	820	1420	300	850	F	40°C	\$24,047	
15825447	SSW900 F 0950 T5 E4 B	950	1645	350	970	F	40°C	\$35,919	
15825885	SSW900 G 1100 T5 E4 B	1100	1905	450	1250	G	40°C	\$43,122	
15825908	SSW900 G 1400 T5 E4 B	1400	2425	600	1515	G	40°C	\$55,273	

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Maximum motor current with 6 wires connection (inside delta)

(4) Bluetooth models are CE and FCC certified. For other certifications please consult your sales representative.

Soft Starters

SSW900 - with Bluetooth Interface ⁽⁴⁾ - 220~575V

Part Number	Product ⁽⁴⁾	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Control Voltage (Vac)	Gross Price
		3 Wires	6 Wires ⁽³⁾	3 Wires	6 Wires ⁽³⁾				
		A		HP					
460V - 3AC									
15824666	SSW900 A 0010 T5 E2 B	10	-	5	-	A	55°C	110~240	\$2,168
15824667	SSW900 A 0017 T5 E2 B	17	-	10	-	A	55°C		\$2,435
15824808	SSW900 A 0024 T5 E2 B	24	-	15	-	A	55°C		\$2,674
15824809	SSW900 A 0030 T5 E2 B	30	-	20	-	A	55°C		\$2,897
15824811	SSW900 B 0045 T5 E2 B	45	-	30	-	B	55°C		\$3,364
15824813	SSW900 B 0061 T5 E2 B	61	-	40	-	B	55°C		\$3,712
15824814	SSW900 B 0085 T5 E2 B	85	-	60	-	B	55°C		\$4,553
15824815	SSW900 B 0105 T5 E2 B	105	-	75	-	B	55°C		\$4,780
15824816	SSW900 C 0130 T5 E2 B	130	225	100	150	C	55°C		\$5,399
15824817	SSW900 C 0171 T5 E2 B	171	296	125	200	C	55°C		\$6,612
15824968	SSW900 C 0200 T5 E2 B	200	346	150	250	C	55°C	\$8,316	
15824969	SSW900 D 0255 T5 E3 B	255	442	200	350	D	55°C	\$11,536	
15824971	SSW900 D 0312 T5 E3 B	312	540	250	450	D	55°C	\$12,527	
15824973	SSW900 D 0365 T5 E3 B	365	632	300	500	D	55°C	\$13,021	
15824975	SSW900 D 0412 T5 E3 B	412	714	300	600	D	55°C	\$15,273	
15825281	SSW900 E 0480 T5 E3 B	480	831	400	700	E	40°C	\$16,081	
15825368	SSW900 E 0604 T5 E3 B	604	1046	500	800	E	40°C	\$17,868	
15825373	SSW900 E 0670 T5 E3 B	670	1160	600	800	E	40°C	\$20,454	
15825439	SSW900 F 0820 T5 E3 B	820	1420	700	1000	F	40°C	\$24,047	
15825445	SSW900 F 0950 T5 E3 B	950	1645	700	1200	F	40°C	\$35,919	
15827769	SSW900 G 1100 T5 E3 B	1100	1905	800	1500	G	40°C	\$43,122	
15827770	SSW900 G 1400 T5 E3 B	1400	2425	1000	2000	G	40°C	\$55,273	
15824970	SSW900 D 0255 T5 E4 B	255	442	200	350	D	55°C	\$11,536	
15824972	SSW900 D 0312 T5 E4 B	312	540	250	450	D	55°C	\$12,527	
15824974	SSW900 D 0365 T5 E4 B	365	632	300	500	D	55°C	\$13,021	
15824976	SSW900 D 0412 T5 E4 B	412	714	300	600	D	55°C	\$15,273	
15825285	SSW900 E 0480 T5 E4 B	480	831	400	700	E	40°C	\$16,081	
15825370	SSW900 E 0604 T5 E4 B	604	1046	500	800	E	40°C	\$17,868	
15825377	SSW900 E 0670 T5 E4 B	670	1160	600	800	E	40°C	\$20,454	
15825443	SSW900 F 0820 T5 E4 B	820	1420	700	1000	F	40°C	\$24,047	
15825447	SSW900 F 0950 T5 E4 B	950	1645	700	1200	F	40°C	\$35,919	
15825885	SSW900 G 1100 T5 E4 B	1100	1905	800	1500	G	40°C	\$43,122	
15825908	SSW900 G 1400 T5 E4 B	1400	2425	1000	2000	G	40°C	\$55,273	

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Maximum motor current with 6 wires connection (inside delta)

(4) Bluetooth models are CE and FCC certified. For other certifications please consult your sales representative.

Soft Starters

SSW900 - with Bluetooth Interface ⁽⁴⁾ - 220~575V

Part Number	Product ⁽⁵⁾	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Control Voltage (Vac)	Gross Price
		3 Wires	6 Wires ⁽³⁾	3 Wires	6 Wires ⁽³⁾				
		A		HP					
575V - 3AC									
15824666	SSW900 A 0010 T5 E2 B	10	-	7.5	-	A	55°C	110~240	\$2,168
15824667	SSW900 A 0017 T5 E2 B	17	-	15	-	A	55°C		\$2,435
15824808	SSW900 A 0024 T5 E2 B	24	-	20	-	A	55°C		\$2,674
15824809	SSW900 A 0030 T5 E2 B	30	-	25	-	A	55°C		\$2,897
15824811	SSW900 B 0045 T5 E2 B	45	-	40	-	B	55°C		\$3,364
15824813	SSW900 B 0061 T5 E2 B	61	-	50	-	B	55°C		\$3,712
15824814	SSW900 B 0085 T5 E2 B	85	-	75	-	B	55°C		\$4,553
15824815	SSW900 B 0105 T5 E2 B	105	-	100	-	B	55°C		\$4,780
15824816	SSW900 C 0130 T5 E2 B	130	225	125	200	C	55°C		\$5,399
15824817	SSW900 C 0171 T5 E2 B	171	296	150	300	C	55°C		\$6,612
15824968	SSW900 C 0200 T5 E2 B	200	346	200	350	C	55°C	110~130	\$8,316
15824969	SSW900 D 0255 T5 E3 B	255	442	250	450	D	55°C		\$11,536
15824971	SSW900 D 0312 T5 E3 B	312	540	300	600	D	55°C		\$12,527
15824973	SSW900 D 0365 T5 E3 B	365	632	350	700	D	55°C		\$13,021
15824975	SSW900 D 0412 T5 E3 B	412	714	450	700	D	55°C		\$15,273
15825281	SSW900 E 0480 T5 E3 B	480	831	500	800	E	40°C		\$16,081
15825368	SSW900 E 0604 T5 E3 B	604	1046	600	1000	E	40°C		\$17,868
15825373	SSW900 E 0670 T5 E3 B	670	1160	700	1000	E	40°C		\$20,454
15825439	SSW900 F 0820 T5 E3 B	820	1420	800	1200	F	40°C		\$24,047
15825445	SSW900 F 0950 T5 E3 B	950	1645	800	1600	F	40°C		\$35,919
15827769	SSW900 G 1100 T5 E3 B	1100	1905	1000	1600	G	40°C	220~240	\$43,122
15827770	SSW900 G 1400 T5 E3 B	1400	2425	1200	2500	G	40°C		\$55,273
15824970	SSW900 D 0255 T5 E4 B	255	442	250	450	D	55°C		\$11,536
15824972	SSW900 D 0312 T5 E4 B	312	540	300	600	D	55°C		\$12,527
15824974	SSW900 D 0365 T5 E4 B	365	632	350	700	D	55°C		\$13,021
15824976	SSW900 D 0412 T5 E4 B	412	714	450	700	D	55°C		\$15,273
15825285	SSW900 E 0480 T5 E4 B	480	831	500	800	E	40°C		\$16,081
15825370	SSW900 E 0604 T5 E4 B	604	1046	600	1000	E	40°C		\$17,868
15825377	SSW900 E 0670 T5 E4 B	670	1160	700	1000	E	40°C		\$20,454
15825443	SSW900 F 0820 T5 E4 B	820	1420	800	1200	F	40°C		\$24,047
15825447	SSW900 F 0950 T5 E4 B	950	1645	800	1600	F	40°C		\$35,919
15825885	SSW900 G 1100 T5 E4 B	1100	1905	1000	1600	G	40°C		\$43,122
15825908	SSW900 G 1400 T5 E4 B	1400	2425	1200	2500	G	40°C		\$55,273

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Maximum motor current with 6 wires connection (inside delta)

(4) Bluetooth models are CE and FCC certified. For other certifications please consult your sales representative.

Soft Starters

SSW900 - with Bluetooth Interface ⁽⁵⁾ - 380~690V

Part Number	Product ⁽⁵⁾	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Control Voltage (Vac)	Gross Price
		3 Wires	6 Wires ⁽³⁾	3 Wires	6 Wires ⁽³⁾				
		A		HP					
690V - 3AC									
15938652	SSW900 C 0130 T6 E2 B ⁽⁴⁾	130	-	150	-	C	55°C	110~240	\$6,751
15939747	SSW900 C 0171 T6 E2 B ⁽⁴⁾	171	-	200	-	C	55°C		\$8,267
15938654	SSW900 C 0200 T6 E2 B ⁽⁴⁾	200	-	200	-	C	55°C		\$10,393
15938708	SSW900 D 0255 T6 E3 B ⁽⁴⁾	255	-	300	-	D	55°C	110~130	\$14,078
15938714	SSW900 D 0312 T6 E3 B ⁽⁴⁾	312	-	350	-	D	55°C		\$15,282
15938716	SSW900 D 0365 T6 E3 B ⁽⁴⁾	365	-	450	-	D	55°C		\$15,884
15938761	SSW900 D 0412 T6 E3 B ⁽⁴⁾	412	-	500	-	D	55°C		\$19,096
15938765	SSW900 E 0480 T6 E3 B ⁽⁴⁾	480	-	600	-	E	40°C		\$20,092
15939199	SSW900 E 0604 T6 E3 B ⁽⁴⁾	604	-	700	-	E	40°C		\$22,410
15939203	SSW900 E 0670 T6 E3 B ⁽⁴⁾	670	-	800	-	E	40°C		\$25,505
15939503	SSW900 F 0820 T6 E3 B ⁽⁴⁾	820	-	1000	-	F	40°C		\$30,141
15939614	SSW900 F 0950 T6 E3 B ⁽⁴⁾	950	-	1000	-	F	40°C		\$46,005
15939690	SSW900 G 1100 T6 E3 B ⁽⁴⁾	1100	-	1200	-	G	40°C		\$55,400
15939740	SSW900 G 1400 T6 E3 B ⁽⁴⁾	1400	-	1600	-	G	40°C		\$71,113
15938711	SSW900 D 0255 T6 E4 B ⁽⁴⁾	255	-	300	-	D	55°C	220~240	\$14,078
15938715	SSW900 D 0312 T6 E4 B ⁽⁴⁾	312	-	350	-	D	55°C		\$15,282
15938758	SSW900 D 0365 T6 E4 B ⁽⁴⁾	365	-	450	-	D	55°C		\$15,884
15938763	SSW900 D 0412 T6 E4 B ⁽⁴⁾	412	-	500	-	D	55°C		\$19,096
15939134	SSW900 E 0480 T6 E4 B ⁽⁴⁾	480	-	600	-	E	40°C		\$20,092
15939200	SSW900 E 0604 T6 E4 B ⁽⁴⁾	604	-	700	-	E	40°C		\$22,410
15939207	SSW900 E 0670 T6 E4 B ⁽⁴⁾	670	-	800	-	E	40°C		\$25,505
15939609	SSW900 F 0820 T6 E4 B ⁽⁴⁾	820	-	1000	-	F	40°C		\$30,141
15939663	SSW900 F 0950 T6 E4 B ⁽⁴⁾	950	-	1000	-	F	40°C		\$46,005
15939696	SSW900 G 1100 T6 E4 B ⁽⁴⁾	1100	-	1200	-	G	40°C		\$55,400
15939742	SSW900 G 1400 T6 E4 B ⁽⁴⁾	1400	-	1600	-	G	40°C		\$71,113

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) 6 wires connection (inside delta) is not available for 600...690V power supply

(4) T6 units don't carry UL/cUL mark.

(5) Bluetooth models are CE and FCC certified. For other certifications please consult your sales representative.

Soft Starters

SSW900 - Accessories

Part Number	Modelo	Description	Gross Price
Keypad and Cables for HMI			
13469204	SSW900-KMD-CB01	Remote Keypad Frame + 1m (3.3ft) Cable	\$97
13466665	SSW900-KMD-CB02	Remote Keypad Frame + 2m (6.6ft) Cable	\$109
13469206	SSW900-KMD-CB03	Remote Keypad Frame + 3m (10ft) Cable	\$125
13469207	SSW900-KMD-CB05	Remote Keypad Frame + 5m (16ft) Cable	\$165
13469208	SSW900-KMD-CB07	Remote Keypad Frame + 7.5m (26ft) Cable	\$225
13469209	SSW900-KMD-CB10	Remote Keypad Frame + 10m (33ft) Cable	\$281
13469211	SSW900-KMD-CB20	Remote Keypad Frame + 20m (66ft) Cable	\$511
11010298	HMD-01	Blank cover for keypad slot	\$89
Ventilation Kits			
10935650	SW07-SSW08-SSW900 KVT-MEC 2/B	Ventilation Kit for SSW07/08 frame 2 and SSW900 frame B (45 to 105 A)	\$109
10935559	SW07-SSW08-SSW900 KVT-MEC 3/C	Ventilation Kit for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)	\$157
I/O Expansion Module			
14260747	SSW900-PT100-W	PT100 temperature transducer module (6 inputs)	\$620
Communication			
12966003	SSW900-CDN-N	Devicenet Anybus plug-in module	\$1,844
12966102	SSW900-CETH-IP-N	Ethernet/IP Anybus plug-in module	\$3,196
12966038	SSW900-CMB-TCP-N	Modbus-TCP Anybus plug-in module	\$2,594
12966001	SSW900-CPDP-N	Profibus DP Anybus plug-in module	\$1,693
12966099	SSW900-CPN-IO-N	Profinet IO Anybus plug-in module	\$2,994
12966043	SSW900-CRS485-W	RS485 plug-in module	\$244
14261364	SSW900-CAN-W	CANopen and DeviceNet plug-in module	\$471
14260745	SSW900-CETH-W	Ethernet/IP plug-in module	\$1,756
16708314	SSW900-CPN-S2-N	Profinet S2 Anybus plug-in module	\$3,152
14773867	SSW900-HMI-BLT	HMI with Bluetooth connection ⁽¹⁾	\$500
IP20 Kit			
10935651	SSW0708900-IP20-3C	IP20 Kit for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)	\$93
11059230	SSW0708900-IP20-4D	IP20 Kit for SSW07/08 frame 4 and SSW900 frame D (255 to 412 A)	\$179
External Current Transformer			
14190553	SSW900-KECA-10	External Current Transformer for SSW900 10A	\$599
14197757	SSW900-KECA-17	External Current Transformer for SSW900 17A	\$632
14197809	SSW900-KECA-24	External Current Transformer for SSW900 24A	\$660
14197811	SSW900-KECA-30	External Current Transformer for SSW900 30A	\$679
14197812	SSW900-KECA-45	External Current Transformer for SSW900 45A	\$739
14197814	SSW900-KECA-61	External Current Transformer for SSW900 61A	\$779
14197815	SSW900-KECA-85	External Current Transformer for SSW900 85A	\$819
14197816	SSW900-KECA-105	External Current Transformer for SSW900 105A	\$838
14197817	SSW900-KECA-130	External Current Transformer for SSW900 130A	\$899
14197838	SSW900-KECA-171	External Current Transformer for SSW900 171A	\$939
14197839	SSW900-KECA-200	External Current Transformer for SSW900 200A	\$978
14197840	SSW900-KECA-255	External Current Transformer for SSW900 255A	\$1,218
14197841	SSW900-KECA-312	External Current Transformer for SSW900 312A	\$1,278
14197842	SSW900-KECA-365	External Current Transformer for SSW900 365A	\$1,318
14197843	SSW900-KECA-412	External Current Transformer for SSW900 412A	\$1,337
Front cover Kit for power terminals			
14691775	SSW0708900-PROT-3C	Front cover kit for power terminals for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)	\$77
14691772	SSW0708900-PROT-4D	Front cover kit for power terminals for SSW07/08 frame 4 and SSW900 frame D (255 to 412 A)	\$93
14691809	SSW900-PROT-E	Front cover kit for power terminals for SSW900 frame E (480 to 670 A)	\$185
Busbar Kit			
14691998	SSW900-6BAR-E	Kit with Six busbars for Frame-E for external bypass connection using only compression lugs (e.g. LCAX450-12-6, lug not included in the kit)	\$448
15144306	SSW900-6BAR-F	Kit with Six busbars for Frame-F for external bypass connection using only compression lugs (e.g. LCAX650-58-6 OR LCAX750-12-3, lugs not included in the kit)	\$560
15144348	SSW900-3BAR-G	Kit with three 45° angled (going downwards) busbars for Frame-G for all top or all bottom cable connections. (e.g. 3x LCAN750-12-6 or 4x LCAN500-12-6 or PBMW-4-750-12 - lugs not included in the kit).	\$660

⁽¹⁾ Bluetooth interface certification is available for USA, Europe, Colombia, Ecuador, Australia, New Zealand and South Africa.

Soft Starters

SSW900 - Accessories

Part Number	Modelo	Description	Gross Price
Busbar Kit			
16229932	SSW900-3BAR-E-L	Kit with three busbars needed to connect all the cables on one side of the SSW900 using mechanical lugs. (e.g. PB2-600 - Lugs are not included in the kit).	\$312
16229933	SSW900-3BAR-F-L	Kit with three straight busbars for Frame-F to connect three or four cables per phase using Compression lugs (e.g. 3 x LCAN400-12-6 OR 4 x LCAX250-58-X, Lugs are not included in the kit)	\$620
16229934	SSW900-3BAR-F-L45S	Kit with three 45° angled (going downwards) busbars for Frame-F for all top or all bottom cable connections. (e.g. 3x LCAN400-12-6 or 4x LCAX250-58-X, or PB4-600-2N - Lugs not included in the kit).	\$716
16229935	SSW900-3BAR-F-L45L	Kit with three 45° angled (going upwards) busbars for Frame-F for all top or all bottom cable connections. (e.g. PB4-600-2N - lugs not included in the kit)	\$804

This is an equipment designed for small and medium sized application for interlock tasks, timing, counting and basic math operations, replacing with advantage auxiliary electro mechanic contactors, timers and counters, reducing room and making the maintenance activities significantly more easily. The third generation has features such as PID control, arithmetic (addition, subtraction, multiplication and division), greater programing capacity, expansions, timers, markers, counters and can be master of the Modbus network.



- Certifications:



CLW02

Programmable Logic Controller

Technical Data:

- Power Supply 12 V DC, 24 V DC or 110-220 V AC (50/60 Hz)
- Basic units: 10, 12 and 20 digital inputs and outputs
2 or 4 analog inputs (0-10V DC/12 bits);
- Expansion modules: digital inputs and outputs (relay or transistor), analog inputs and outputs, PT-100 and communications
- Relay output (8 A for resistive load) or transistor (1 A for resistive load)
- Maximum number of I/Os: up to 44 inputs + outputs, 4 Pt-100 inputs, 4 analog inputs and 4 analog outputs
- Real time clock
- Two frequency inputs of up to 1 kHz (I01 and I02)
- Two PWM outputs of up to 1 kHz (Q01 and Q02)
- LCD Display (4 row x 16 column)
- Free programming software (CLIC02 Edit V3)
- Programming languages: Ladder and FDB
- Programming capacity: 300 Ladder rows or 260 FDBs
- Control PID y arithmetical functions
- HMI with 7 idiomas (English and Spanish available)
- Models 20VR-D y 20VT-D with built-in RS485 port and master/slave Modbus RTU protocol. For other models, there is a module with one RS485 port and slave Modbus RTU protocol
- Memory card accessory, PM05, used to transfer programs easily from one to another CLIC-02
- Certifications
- CE y UL

Product	Inputs		Digital outputs		Maximun analogic configuration			Maximum configuration	RS485 Modbus
	Digital	Analog 0-10 VDC	Relay (8A)	Transistor (1A)	Inputs	Oututs	PT-100		
24 VDC Basic Units									
CLW-02/12HR-D	6 (8)	2	4	-	4	4	4	36	No
CLW-02/12HT-D	6 (8)	2	-	4	4	4	4	36	No
CLW-02/20HR-D	8 (12)	4	8	-	4	4	4	44	No
CLW-02/20HT-D	8 (12)	4	-	8	4	4	4	44	No
CLW-02/20VR-D	8 (12)	4	8	-	4	4	4	44	Yes
CLW-02/20VT-D	8 (12)	4	-	8	4	4	4	44	Yes
12 VDC Basic Unit									
CLW-02/20HR-12D	8 (12)	4	8	-	4	4	4	44	No
100~240 VAC Basic Units									
CLW-02/10HR-A	6	0	4	-	4	4	4	34	No
CLW-02/20HR-A	12	-	8	-	4	4	4	44	No

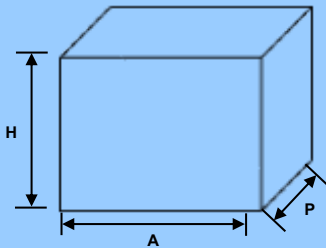
- Fieldbus:

Modbus RTU (RS485) Slave	DATALink
CLW-02 MBUS 3RD	Built-in

CLW02

Programmable Logic Controller

Product and Series	Model Identification				
	Number of Digital Ios	Type	Relay Outputs	Power Supply	Version
CLW-02	10	H	R	A	3rd
CLW-02	10	H = up to 8 expansion accessory modules			
	12	V = H + communication between CLW-02 + Modbus			
	20				
		R = Relay			
		T = Transistor			
		A = 110/220 Vca			
		D = 24 Vcc			
		12D = 12 Vcc			
		3rd			

- Dimensions and weight (without packaging):				
Model	Height (mm)	Widht (mm)	Depth (mm)	
10/12 IOs	106	72	59.6	
20 IOs	106	126	59.6	
Expantion Modules	106	38	59.3	

CLW02

Programmable Logic Controller

CLIC-02 - Programmable Logic Controller

Part Number	Product	Inputs		Outputs		RS485 Port	RTC	Maximum number of digital IOs ²⁾	Gross Price
		Digital	Analog 0-10 VDC	Relay (8A)	Transistor (1A)				
24 VDC Basic Units									
11266102	CLW-02/12HR-D	6 (8)	2 ¹⁾	4	-	-	Yes	36	417
11268415	CLW-02/12HT-D	6 (8)	2 ¹⁾	-	4	-		36	439
11268416	CLW-02/20HR-D	8 (12)	4 ¹⁾	8	-	-		44	589
11268417	CLW-02/20HT-D	8 (12)	4 ¹⁾	-	8	-		44	615
11268449	CLW-02/20VR-D	8 (12)	4 ¹⁾	8	-	Built-in		44	642
11268451	CLW-02/20VT-D	8 (12)	4 ¹⁾	-	8	Built-in		44	698
12 VDC Basic Unit									
11268448	CLW-02/20HR-12D	8 (12)	4 ¹⁾	8	-	-	Yes	44	615
100~240 VAC Basic Units									
11266099	CLW-02/10HR-A	6	-	4	-	-	Yes	34	450
11266138	CLW-02/20HR-A	12	-	8	-	-		44	630

(1) The analog inputs can be used as digital inputs.

(2) The maximum number of units is: 01 basic unit, 03 digital modules, 01 PT-100 module, 01 analog input module, 02 analog output module and 01 Modbus slave module módulo.

CLIC-02 - Accessories, Peripherals and Expansion Units

Part Number	Product	Description	Gross Price
Digital Expansion Units			
10413786	CLW-02/8ER-D	4 digital inputs and 4 relay outputs expansion module	263
10413787	CLW-02/8ET-D	4 digital inputs and 4 transistor outputs expansion module	289
Digital Expansion Units (100~240 Vac supply voltage)			
10413785	CLW-02/8ER-A	4 digital inputs and 4 relay outputs expansion module.	323
Analog Expansion Units (24 Vcc supply voltage)			
11268728	CLW-02/2AO 3RD	2 analog outputs (0-10 V CC / 4-20 mA - 12 bits) expansion module	507
11268730	CLW-02/4PT 3RD	4 x PT-100 (12 bits) inputs expansion module	672
11268732	CLM-02/4AI 3RD	4 analog inputs (0-10 V CC / 4-20 mA - 12 bits) expansion module	724
Communication Expansion Units (24 Vcc supply voltage)			
11357381	MBUS 3RD	Modbus RTU Slave communication module with one RS-485 port	758
Accessories and Peripherals			
11804956	CLW-02/ULINK	Programming cable	139
11269562	CLW-02/PM05	Program memory backup	38
10190505	FILTRO	Input supply filter SFM 10-3/1 (Disturbance Suppressor)	83

CE cULus

1 (877) 726-3675

PLC200 and PLC201

Programmable Logic Controller

Technical Data		PLC200	PLC201
Power Supply		24 V dc (V min.: 20.4 V dc / V max.: 28.8 V dc)	
		Power supply: minimum recommended capacity 2 A	
		CPU consumption in normal operation: 100 mA (without accessories and without active communication networks). This value may vary due to CPU mounting plus expansion boards.	
Processor		Single Core @ 400MHz	
Scan Cycle	100.000 instructions	Total Time: 2,2 ms	
	Per instruction	220 µs	
Memory	Flash / Source code	1 MB	
	RAM / Volatile data	128 KB	
	RAM / Data retentive	4 KB	
Instructions Capacity		Approximately 80 thousand simple instructions	
Inputs	Digitales	8 x DI5 PNP type	
		Fast inputs: DI1 to DI8 - 150 kHz per channel	
		Maximum input voltage of 28.8 V	
		High level: $V_{in} \geq 10$ V dc	
		Low level: $V_{in} \leq 5$ V dc	
		Consumption @ 24 V dc: 2.1 mA	
		Insulation voltage: 500 V	
		Max. DI number via expansion boards: 200 points + IO Remote Units (RUW100, RUW200, RUW201 or PLC200) via Fieldbus	
Outputs	Digitals	-	
		4 DO (DO1...DO4-PNP)	
		Recommended voltage V_{+} : 24 V dc	
		Maximum voltage V_{+} : 28.8 V dc	
		Maximum frequency of PWM outputs: 300 kHz	
		Maximum current of outputs DO1...DO3: 100 mA/output	
		Max. DO number via expansion boards: 200 points + IO Remote Units (RUW100, RUW200, RUW201 or PLC200) via Fieldbus	
		-	
Communication Ports and Protocols	CAN	1x port - CANOpen (Manager/Device)	
	RS485	1x port - Modbus RTU (Client/Server)	
	Ethernet (RJ45) Gigabit 10/100/1.000	1x puerto - Modbus TCP/IP (Client/Server), Ethernet /IP (Adapter) y MQTT (Publisher/Subscriber)	
	Mini USB	1 port - USB (programming and Monitoring)	
Maximun Expansion Cards		8 ¹⁾	
Programming Software		WPS	
Programming Language (IEC 61131-3)		LD (Ladder) and ST (Instructured Text)	
Operation Temperature		0° to 45 °C with relative air humidity from 5 % to 90 % without condensation	
Storage Temperature		-25° a 60 °C with relative air humidity from 5 % to 90 % without condensation	
Protection Degree		IP20	
Polluted Degree		2 (according EN50178 an UL508C), with non-conductive pollution	
Operation Altitude		1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1% for every 100 m (328 ft) above 1000 m (3,300 ft)	
Certifications		CE and UL (in progress)	
Dimensions (H x W x D)		133,6 x 25 x 98,2 mm (4,72 x 0,98 x 3,86 in)	
Weight		0,350 Kg (0,771 lbs)	

1) The PLC200 has an internal power supply limited to 300mA, so the sum of the current consumption of the 8 expansion modules cannot be greater than 300 mA. The consumption of each MOD is: MOD1 0 mA, MOD2 40 mA, MOD3 150 mA, MOD5 0 mA, MOD6 30 mA, MOD7 50 mA and MOD8 0 mA.

PLC200 and PLC201

Programable Logic Controller

- Technical Specification of the Expansion Units

	MOD1 ... MOD7	
Power Supply	Supplied by the PLC200/PLC201	
Digital Inputs	Bidirectional digital inputs (NPN and PNP)	
	Maximum input voltage: 28,8 Vcc	
	High level: $V_{in} \geq 10\text{ V}$ / Low level: $V_{in} \leq 3\text{ V}$	
	Current consumption when 24 V is applied to the input: 10 mA	
Digital Outputs	Insulation voltage: 500 V	
	PNP Outputs type / 500 mA	
Relay Digital Outputs	Recommended voltage: 24 Vcc (maximum 28,8 Vcc)	
	Isolated outputs	
Analog Inputs	Maximum switch load: 8 A - 250 VAC, resistive load / 5 A - 30 VDC, resistive load	
	Voltage and current inputs	
	Input voltage range: 0 a 10 V differential	
	Common mode voltage limits: -10 a 10 V	
	Input current range: 0 a 20 mA	
Analog Outputs	Resolution: 24 Bits	
	Voltage	Current
	limits: 0 - 10 V	maximum: 20 mA
	Maximum current: 10 mA	Maximum load: 500 Ω
	Resolution: 12 Bits	
Thermocouple Inputs	Up to 2 modules connected on the same RUW100	
	Supported types: J, K and T	
Termistor Inputs	Supported Types: PT100 and PT1000 (2 or 3 cables)	
	It is necessary a 3 cables model to achieve resistance compensation of the cables	
Load Cell Inputs	Supported Types: 4 or 6 cables	
Operating temperature	0° to 45 °C with relative air humidity from 5 % to 90 % without condensation	
Protection rating	IP20	
Pollution degree	2 (according EN50178 an UL508C), with non-conductive pollution	
Operating Altitude	1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1 % for every 100 m (328 ft) above 1000 m (3,300 ft)	

- I/O Quantities:

Reference	Inputs					Outputs			
	Analog (voltage or current) ⁽¹⁾	Digital bidirectional (NPN and PNP)	Thermo Couple type J, K and T	Thermistor type Pt-100 and Pt-1000	Load Cell	Digital PNP isolated (500 mA) ⁽²⁾	Analog (voltage and current) ⁽¹⁾	Analog (current) ⁽¹⁾	Relay ⁽³⁾
MOD1.00	-	24	-	-	-	-	-	-	-
MOD1.10	-	-	-	-	-	24	-	-	-
MOD1.20	-	8	-	-	-	16	-	-	-
MOD1.30	-	16	-	-	-	8	-	-	-
MOD2.00	7	-	-	-	-	-	-	-	-
MOD3.00	-	-	-	-	-	-	4	4	-
MOD4.00	-	-	7	-	-	-	-	-	-
MOD5.00	-	-	-	4	-	-	-	-	-
MOD6.00	-	-	-	-	2	-	-	-	-
MOD7.00	-	-	-	-	-	-	-	-	6

1) The voltage inputs allows 0 - 10 V and the current inputs allows 0 - 20 mA

2) Transistor outputs

3) Relay outputs: 8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load

PLC200 and PLC201
Programable Logic Controller

Product and Series	Model Identification Model
PLC200/PLC201	-
PLC200/PLC201	Blank: PLC200/PLC201

- Dimensions (without packaging):		
Height mm (in)	Widht mm (in)	Depth mm (in)
PLC200/PLC201		
133,6 (4,72)	25 (0,98)	98,2 (3,86)
Expansion modules		
115 (4,528)	25 (0,98)	89,5 (3,524)

The diagram shows a 3D perspective of a rectangular PLC unit. Dimension lines indicate the following measurements: H is the height, A is the width (front face), and P is the depth (side face).

PLC200 and PLC201

Programable Logic Controller

PLC200/PLC201 - Programable Logic Controller

Part Number	Product	Voltage Supply	Inputs		Outputs			Expansions	Edge Device	Motion Controller	Communication Ports ⁽³⁾	Gross Price
			Digital (PNP) ⁽¹⁾	Analog	Transistor (PNP) ⁽²⁾	Relay	Analog					
17393248	PLC200	24 Vdc	8	-	4	-	-	up to 8	No	No	1x RS485 port 1x Ethernet (RJ45) port 1x mini USB port	\$1,114
17393251	PLC201	24 Vdc	8	-	4	-	-	up to 8	No	No	1x CAN port 1x Ethernet port 1x mini USB port	\$1,114

1) DI1 to DI8 accept 150 kHz signals

2) DO1 to DO4 are PWM outputs (300 kHz / 100 mA).

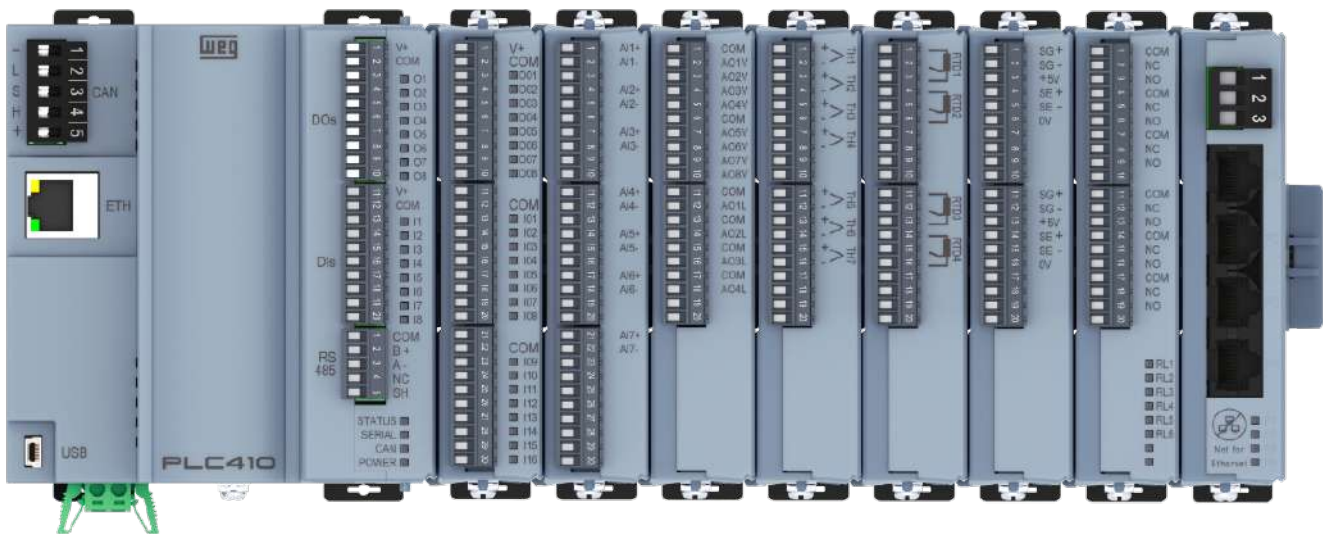
3) Protocols: CANOpen (Manager/Device), Modbus RTU (Client/Server), Modbus TCP/IP (Client/Server), Ethernet/IP (Adapter) and MQTT (Publisher/Subscriber)

PLC200/PLC201 - Accessories ⁽⁴⁾

Part Number	Product	Description	Gross Price
14810344	MOD1.00	24 bidirectional digital inputs (NPN and PNP)	\$622
14810429	MOD1.10	24 NPN isolated digital transistor outputs (500 mA)	\$732
14810430	MOD1.20	8 bidirectional digital inputs (NPN and PNP) and 16 NPN isolated digital transistor outputs (500 mA)	\$677
14810432	MOD1.30	16 bidirectional digital inputs (NPN and PNP) and 8 NPN isolated digital transistor outputs (500 mA)	\$640
14810510	MOD2.00	7 voltage or current analog inputs (0-10 V or 0 - 20 mA)	\$805
14810511	MOD3.00	4 voltage analog outputs (0-10 V) and 4 current analog outputs (0 - 20 mA)	\$640
14810512	MOD4.00	7 thermocouple inputs types J, K and T	\$677
14810513	MOD5.00	4 RDT inputs for thermistors types PT-100 or PT-1000 (2 or 3 cables)	\$695
14810514	MOD6.00	2 cell load inputs (4 or 6 cables)	\$677
14810516	MOD7.00	6 digital output really (8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load)	\$659

4) Same accessories as RUW100, RUW200, RUW201, PLC410 and PLC500.

PLC410 is a Small-sized Programmable Logic Controller, compact in size, robust in performance and modular in programming. It is a solution that uses WEG technology and the CODESYS® platform flexibility, allowing the development of flexible and efficient solutions. With high-processing hardware, it is possible to perform highly complex tasks, such as timing, counting, basic and advanced math operations, interlocking logic, PID control and much more. All that, at high speed and with maximum operational accuracy



- Certifications:



The UL certification is in process.

PLC410

Programable Logic Controller

Technical Data		PLC410
Power Supply	24 V dc (V min.: 20.4 V dc / V max.: 28.8 V dc)	
	Supplied by the PLC410	
	CPU consumption in normal operation: 75 mA (without accessories and without active communication networks). This value may vary due to CPU mounting plus expansion boards.	
Processor		IMX7 Dual Core @1GHz + Coprocessor @200MHz
Scan Cycle	100.000 instructions	Total Time: 1,6ms
	Per instruction	16,2 ns
Memory	RAM	256 MB
	Flash	4 GB
	Data	4 MB
	Code	8 MB
	Retentive	64 KB
	Persistent	16 KB
	SD Card	One SD card slot with for a card memory with maximum capacity of 2 TB
Instructions Capacity		Aproximately 6 millions of simple instructions
Inputs	Digitales	8 x DIs PNP type
		Fast inputs: DI1 to DI4 - 150 kHz per Channel
		Maximum input voltage of 28.8 V
		High level: Vin ≥ 10 V dc
		Low level: Vin ≤ 5 V dc
		Consumption @ 24 V dc: 2.1 mA
		Insulation voltage: 500 V
	Analogs	Max. DI number via expansion boards: 200 points + IO Remote Units (RUW100, RUW200, RUW201 or PLC200) via Fieldbus
Outputs	Digitals	8 x DOs PNP type - Push-Pull
		Recommended voltage V+: 24 V dc
		Maximum voltage V+: 28.8 V dc
		Maximum frequency of PWM outputs (DO1, DO2 and DO3): 300 kHz
		Maximum current of outputs DO1...DO3: 100 mA/output
		Maximum current of outputs DO4...DO8: 500 mA/output
	Analogs	Max. DO number via expansion boards: 200 points + IO Remote Units (RUW100, RUW200, RUW201 or PLC200) via Fieldbus
Communication Ports and Protocols	CAN	1 port - CANOpen (Manager)
	RS485	1 port - Modbus RTU (Client/Server)
	Ethernet (RJ45) Gigabit 10/100	2 ports
		Modbus TCP/IP (Client/Server), Ethernet/IP(Scanner/Adapter), Profinet (Controller/Device), EtherCAT (Master), MQTT (Publisher/Subscriber) and OPC UA (Server - Available for buying in Codesys Store)
	Mini USB	1 port - Mini USB (programming and Monitoring)
Ports and Protocols		g ¹⁾
Programming Software		Via CODESYS® (V3.5 SP18 or later) - Free Software
Programming Language (IEC 61131-3)		LD (Ladder), ST (Instructured Text), IL (Instruction List), SFC (Flux Diagram) y FBD (Block Diagram)
Operation Temperature		0° to 45 °C with relative air humidity from 5 % to 90 % without condensation
Storage Temperature		-25° a 60 °C with relative air humidity from 5 % to 90 % without condensation
Protection Degree		IP20
Polluted Degree		2 (according EN50178 an UL508C), with non-conductive pollution
Operation Altitude		1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1% for every 100 m (328 ft) above 1000 m (3,300 ft)
Certifications		CE and UL (in progress)
Dimensions (H x W x D)		131,7 x 110,7 x 99 mm (5,18 x 4,35 x 3,89 in)
Weight		0,350 Kg (0,771 lbs)

1) The PLC410 has an internal power supply limited to 300mA, so the sum of the current consumption of the 8 expansion modules cannot be greater than 300 mA. The consumption of each MOD is: MOD1 0 mA, MOD2 40 mA, MOD3 150 mA, MOD5 0 mA, MOD6 30 mA, MOD7 50 mA and MOD8 0 mA.

PLC410

Programable Logic Controller

- Technical Specification of the Expansion Units

MOD1 ... MOD7	
Power Supply	Supplied by the PLC410
Digital Inputs	Bidirectional digital inputs (NPN and PNP)
	Maximum input voltage: 28,8 VDC
	High level: $V_{in} \geq 10\text{ V}$ / Low level: $V_{in} \leq 3\text{ V}$
	Current consumption when 24 V is applied to the input: 10 mA
Digital Outputs	Insulation voltage: 500 V
	PNP Outputs type / 500 mA
	Recommended voltage: 24 Vcc (maximum 28,8 Vcc)
Relay Digital Outputs	Isolated outputs
	Maximum switch load: 8 A - 250 VAC, resistive load / 5 A - 30 VDC, resistive load
Analog Inputs	Voltage and current inputs
	Input voltage range: 0 a 10 V differential
	Common mode voltage limits: -10 a 10 V
	Input current range: 0 a 20 mA
	Resolution: 24 Bits
Analog Outputs	Voltage
	limits: 0 - 10 V
	Maximum current: 10 mA
	Current
	maximum: 20 mA
Thermocouple Inputs	Maximum load: 500 Ω
	Resolution: 12 Bits
	Up to 2 modules connected on the same RUW100
Termistor Inputs	Supported types: J, K and T
	Supported Types: PT100 and PT1000 (2 or 3 cables)
Load Cell Inputs	It is necessary a 3 cables model to achieve resistance compensation of the cables
Operating temperature	Supported Types: 4 or 6 cables
Protection rating	0° to 45 °C with relative air humidity from 5 % to 90 % without condensation
Pollution degree	IP20
Operating Altitude	2 (according EN50178 an UL508C), with non-conductive pollution
	1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1 % for every 100 m (328 ft) above 1000 m (3,300 ft)

- I/O Quantities:

Reference	Inputs					Outputs			
	Analog (voltage or current) ⁽¹⁾	Digital bidirectional (NPN and PNP)	Thermo Couple type J, K and T	Thermistor type Pt-100 and Pt-1000	Load Cell	Digital PNP isolated (500 mA) ⁽²⁾	Analog (voltage and current) ⁽¹⁾	Analog (current) ⁽¹⁾	Relay ⁽³⁾
MOD1.00	-	24	-	-	-	-	-	-	-
MOD1.10	-	-	-	-	-	24	-	-	-
MOD1.20	-	8	-	-	-	16	-	-	-
MOD1.30	-	16	-	-	-	8	-	-	-
MOD2.00	7	-	-	-	-	-	-	-	-
MOD3.00	-	-	-	-	-	-	4	4	-
MOD4.00	-	-	7	-	-	-	-	-	-
MOD5.00	-	-	-	4	-	-	-	-	-
MOD6.00	-	-	-	-	2	-	-	-	-
MOD7.00	-	-	-	-	-	-	-	-	6

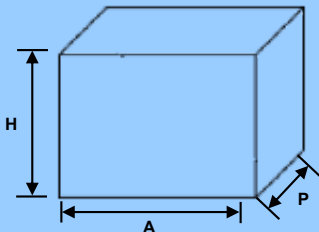
1) The voltage inputs allows 0 - 10 V and the current inputs allows 0 - 20 mA

2) Transistor outputs

2) Relay outputs: 8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load

PLC410
Programable Logic Controller

Product and Series	Model Identification
	Model
PLC410	-
PLC410	Blank: Industrial PLC410

- Dimensions (without packaging):			
Height mm (in)	Widht mm (in)	Depth mm (in)	
PLC410			
131,7 (5,18)	110,7 (4,35)	99 (3,89)	
Expansion modules			
115 (4,528)	25 (0,98)	89,5 (3,524)	

PLC410

Programable Logic Controllers

PLC410 - Programable Logic Controller

Part Number	Product	Voltage Supply	Inputs		Outputs			Expansions	Edge Device	Communication Ports ⁽³⁾	Gross Price
			Digitals	Analogs	Transistor (PNP) ⁽²⁾	Relay	Analogs				
16974024	PLC410	24 Vdc	8	-	8	-	-	up to 8	No	1x CAN 1x RS485 1x Ethernet Gigabit 10/100 (RJ45) 1x mini USB	\$1,673

1) DI1 to DI4 accept 150 kHz signals

2) DO1 to DO3 are PWM outputs (300 kHz / 100 mA). DO4 to DO8 are normal DOs (500 mA)

3) Protocols: CANOpen (master), Modbus RTU (client/server), Modbus TCP/IP (client/server), Ethernet/IP (Scanner/adapter), EtherCAT (master) and MQTT (publisher/subscriber)

PLC410 - Accesories ⁽⁴⁾

Part Number	Product	Description	Gross Price
14810344	MOD1.00	24 bidirectional digital inputs (NPN and PNP)	\$622
14810429	MOD1.10	24 NPN isolated digital transistor outputs (500 mA)	\$732
14810430	MOD1.20	8 bidirectional digital inputs (NPN and PNP) and 16 NPN isolated digital transistor outputs (500 mA)	\$677
14810432	MOD1.30	16 bidirectional digital inputs (NPN and PNP) and 8 NPN isolated digital transistor outputs (500 mA)	\$640
14810510	MOD2.00	7 voltage or current analog inputs (0-10 V or 0 - 20 mA)	\$805
14810511	MOD3.00	4 voltage analog outputs (0-10 V) and 4 current analog outputs (0 - 20 mA)	\$640
14810512	MOD4.00	7 thermocouple inputs types J, K and T	\$677
14810513	MOD5.00	4 RDT inputs for thermistors types PT-100 or PT-1000 (2 or 3 cables)	\$695
14810514	MOD6.00	2 cell load inputs (4 or 6 cables)	\$677
14810516	MOD7.00	6 digital output really (8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load)	\$659

4) Same accessories as RUW100 , RUW200, RUW201, PLC200 and PLC500

PLC500

Programmable Logic Controller

PLC500 is a Medium-sized Programmable Logic Controller, compact in size, robust in performance and modular in programming. It is a solution that uses WEG technology and the CODESYS® platform flexibility, allowing the development of flexible and efficient solutions. With high-processing hardware, it is possible to perform highly complex tasks, such as timing, counting, basic and advanced math operations, interlocking logic, PID control and much more. All that, at high speed and with maximum operational accuracy



- Certifications:



PLC500				
Programable Logic Controller				
Technical Data		PLC500	PLC500ED	PLC500MC
Power Supply		24 V dc (V min.: 20.4 V dc / V max.: 28.8 V dc)		
		Power supply: minimum recommended capacity 3 A		
		CPU consumption in normal operation: 150 mA (without accessories and without active communication networks). This value may vary due to CPU mounting plus expansion boards.		
		Consumption per expansion board: 50 mA		
Processor		IMX7 Dual Core @1GHz + Coprocessor @240MHz		
Scan Cycle	100.000 instructions	Total Time: 1,19ms		
	Per instruction	12 ns		
Memory	RAM	1 GB		
	Flash	4 GB		
	Data	8 MB	64 MB	128 MB
	Code	16 MB		32 MB
	Retentive	64 KB		
	Persistent	64 kB		
	SD Card	One SD card slot with for a card memory with maximum capacity of 2 TB		
Instructions Capacity		Aproximately 6 millions of simple instructions		
Inputs	Digitales	8 x DIs PNP type		
		Fast inputs: DI1 to DI4 - 150 kHz per Channel		
		Maximum input voltage of 28.8 V		
		High level: Vin ≥ 10 V dc		
		Low level: Vin ≤ 5 V dc		
		Consumption @ 24 V dc: 2.1 mA		
		Insulation voltage: 500 V		
		Max. DI number via expansion boards: 200 points + RUW100 units via Fieldbus		
	Analogs	-		
Outputs	Digitals	8 x DOs PNP type - Push-Pull		
		Recommended voltage V+: 24 V dc		
		Maximum voltage V+: 28.8 V dc		
		Maximum frequency of PWM outputs (DO1, DO2 and DO3): 300 kHz		
		Maximum current of outputs DO1...DO3: 100 mA/output		
		Maximum current of outputs DO4...DO8: 500 mA/output		
		Max. DI number via expansion boards: 200 points + RUW100 units via Fieldbus		
	Analogs	-		
Communication Ports and Protocols	CAN	1 port - CANOpen (Master)		
	RS485	1 port - Modbus RTU (Client/Server)		
	Ethernet (RJ45) Gigabit 10/100/1.000	2 ports		
		Modbus TCP/IP (Client/Server), Ethernet/IP(Scanner/Adapter), EtherCAT (Master) and MQTT (Publisher/Subscriber)		
	Mini USB	1 port - Mini USB (programming and Monitoring)		
	USB host	1 port - USB 2.0 Host (for pendrive)		
SD Card	1x Slot for 2 TB SD Card			
Maximum Expansion Modules		8 ¹⁾		
Programming Software		Via CODESYS® (V3.5 SP18 or later) - Free Software		
Programming Language (IEC 61131-3)		LD (Ladder), ST (Instructured Text), IL (Instruction List), SFC (Flux Diagram) y FBD (Block Diagram)		
Operation Temperature		0° to 45 °C with relative air humidity from 5 % to 90 % without condensation		
Storage Temperature		-25° a 60 °C with relative air humidity from 5 % to 90 % without condensation		
Protection Degree		IP20		
Polluted Degree		2 (according EN50178 an UL508C), with non-conductive pollution		
Operation Altitude		1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1% for every 100 m (328 ft) above 1000 m (3,300 ft)		
Certifications		CE and UL		
Dimensions		129,8 x 101,6 x 106,9 mm (H x W x D)		
Weight		0,540 Kg		

1) The PLC500 has an internal power supply limited to 500mA, so the sum of the current consumption of the 8 expansion modules cannot be greater than 500 mA. The consumption of each MOD is: MOD1 0 mA, MOD2 40 mA, MOD3 150 mA, MOD4 0 mA, MOD6 30 mA, MOD7 50 mA and MOD8 0 mA.

PLC500

Programable Logic Controller

- Technical Specification of the Expansion Units

	MOD1 ... MOD7						
Power Supply	Supplied by the RUW100						
Digital Inputs	Bidirectional digital inputs (NPN and PNP) Maximum input voltage: 28,8 Vcc High level: $V_{in} \geq 10 \text{ V}$ / Low level: $V_{in} \leq 3 \text{ V}$ Current consumption when 24 V is applied to the input: 10 mA Insulation voltage: 500 V						
Digital Outputs	PNP Outputs type / 500 mA Recommended voltage: 24 Vcc (maximum 28,8 Vcc)						
Relay Digital Outputs	Isolated outputs Maximum switch load: 8 A - 250 VAC, resistive load / 5 A - 30 VDC, resistive load						
Analog Inputs	Voltage and current inputs Input voltage range: 0 a 10 V differential Common mode voltage limits: -10 a 10 V Input current range: 0 a 20 mA Resolution: 24 Bits						
Analog Outputs	<table border="1"> <tr> <td>Voltage</td><td>Current</td></tr> <tr> <td>limits: 0 - 10 V</td><td>maximum: 20 mA</td></tr> <tr> <td>Maximum current: 10 mA</td><td>Maximum load: 500 Ω</td></tr> </table> Resolution: 12 Bits Up to 2 modules connected on the same RUW100	Voltage	Current	limits: 0 - 10 V	maximum: 20 mA	Maximum current: 10 mA	Maximum load: 500 Ω
Voltage	Current						
limits: 0 - 10 V	maximum: 20 mA						
Maximum current: 10 mA	Maximum load: 500 Ω						
Thermocouple Inputs	Supported types: J, K and T						
Termistor Inputs	Supported Types: PT100 and PT1000 (2 or 3 cables) It is necessary a 3 cables model to achieve resistance compensation of the cables						
Load Cell Inputs	Supported Types: 4 or 6 cables						
Operating temperature	0° to 45 °C with relative air humidity from 5 % to 90 % without condensation						
Protection rating	IP20						
Pollution degree	2 (according EN50178 an UL508C), with non-conductive pollution						
Operating Altitude	1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1 % for every 100 m (328 ft) above 1000 m (3,300 ft)						

- I/O Quantities:

Reference	Inputs					Outputs			
	Analog (voltage or current) ⁽¹⁾	Digital bidirectional (NPN and PNP)	Thermo Couple type J, K and T	Thermistor type Pt-100 and Pt-1000	Load Cell	Digital PNP isolated (500 mA) ⁽²⁾	Analog (voltage and current) ⁽¹⁾	Analog (current) ⁽¹⁾	Relay ⁽³⁾
PLC500	-	8	-	-	-	8	-	-	-
MOD1.00	-	24	-	-	-	-	-	-	-
MOD1.10	-	-	-	-	-	24	-	-	-
MOD1.20	-	8	-	-	-	16	-	-	-
MOD1.30	-	16	-	-	-	8	-	-	-
MOD2.00	7	-	-	-	-	-	-	-	-
MOD3.00	-	-	-	-	-	-	4	4	-
MOD4.00	-	-	7	-	-	-	-	-	-
MOD5.00	-	-	-	4	-	-	-	-	-
MOD6.00	-	-	-	-	2	-	-	-	-
MOD7.00	-	-	-	-	-	-	-	-	6

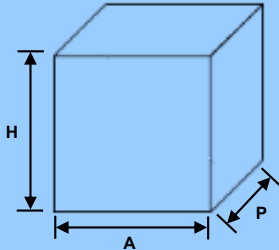
1) The voltage inputs allows 0 - 10 V and the current inputs allows 0 - 20 mA

2) Transistor outputs

3) Relay outputs: 8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load

PLC500
Programable Logic Controller

Product and Series	Model Identification
	Model
PLC500	-
PLC500	Blank: Industrial PLC500
	ED: Edge Device PLC500
	MC: Motion Controller PLC500

- Dimensions (without packaging):			
Height mm (in)	Widht mm (in)	Depth mm (in)	
PLC500			
129,8 (5,11)	101,6 (4)	106,9 (4,2)	
Expansion modules			
115 (4,528)	25 (0,98)	89,5 (3,524)	

PLC500
Programable Logic Controllers

PLC500 - Programable Logic Controller

Part Number	Product	Voltage Supply	Inputs		Outputs			Expansions	Edge Device	Communication Ports ⁽³⁾	Gross Price
			Digital (PNP) ⁽¹⁾	Analog	Transistor (PNP) ⁽²⁾	Relay	Analog				
16034585	PLC500	24Vdc	8	-	8	-	-	up to 8	No	1 x CAN 1 x RS485 2 x Ethernet Gigabit 10/100/1000 (RJ45) 1 x mini USB 1 x USB 2.0 host (OTG)	\$2,231
16034882	PLC500ED								Yes		\$3,681
17985372	PLC500MC								No		\$4,795

1) DI1 to DI4 accept 150 kHz signals

2) DO1 to DO3 are PWM outputs (300 kHz / 100 mA). DO4 to DO8 are normal DOs (500 mA)

3) Protocols: CANOpen (master), Modbus RTU (client/server), Modbus TCP/IP (client/server), Ethernet/IP (Scanner/adapter), EtherCAT (master) and MQTT (publisher/subscriber)

PLC500 - Accesories ⁽⁴⁾

Part Number	Product	Description	Gross Price
14810344	MOD1.00	24 bidirectional digital inputs (NPN and PNP)	\$622
14810429	MOD1.10	24 NPN isolated digital transistor outputs (500 mA)	\$732
14810430	MOD1.20	8 bidirectional digital inputs (NPN and PNP) and 16 NPN isolated digital transistor outputs (500 mA)	\$677
14810432	MOD1.30	16 bidirectional digital inputs (NPN and PNP) and 8 NPN isolated digital transistor outputs (500 mA)	\$640
14810510	MOD2.00	7 voltage or current analog inputs (0-10 V or 0 - 20 mA)	\$805
14810511	MOD3.00	4 voltage analog outputs (0-10 V) and 4 current analog outputs (0 - 20 mA)	\$640
14810512	MOD4.00	7 thermocouple inputs types J, K and T	\$677
14810513	MOD5.00	4 RDT inputs for thermistors types PT-100 or PT-1000 (2 or 3 cables)	\$695
14810514	MOD6.00	2 cell load inputs (4 or 6 cables)	\$677
14810516	MOD7.00	6 digital output really (8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load)	\$659

4) Same accessories as RUW100, RUW200, RUW201, PLC200 and PLC410

RUW100

Remote Unit

The RUW100 line of remote units allows the expansion of digital, analog, thermocouple, Pt-100, Pt-1000 and load cell inputs and outputs, and relay outputs of frequency inverters, PLCs and AC/DC converters, among other lines of WEG products, using the CANopen or Modbus communication protocols.



- Certifications:



The UL certification is in process.

RUW100

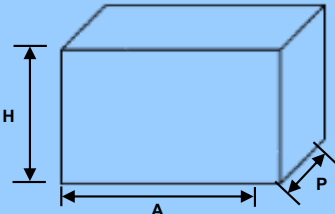
Remote Unit

Technical Data		RUW100.0	RUW100.1
Power Supply		24 V dc (V min.: 20.4 V dc / V max.: 28.8 V dc)	
		Power supply: minimum recommended capacity 1 A	
		CPU consumption in normal operation: 1 A (without accessories and without active communication networks). This value may vary due to CPU mounting plus expansion boards.	
Processor		Arm® Cortex®-M4 32-bit - 72 MHz	
Scan Cycle	100.000 instructions	Total Time: 2,35 ms	
	Per instruction	0,29 ms	
Memory	Flash / Source code	65535 bytes	
	RAM / Volatile data	4096 bytes	
	RAM / Data retentive	256 bytes	
Inputs	Digitales	-	16x DIs NPN or PNP type (Bidirectional)
		-	Maximum input voltage of 28.8 V
		-	High level: Vin ≥ 10 V dc
		-	Low level: Vin ≤ 5 V dc
		-	Consumption @ 24 V dc: 2.1 mA
		-	Insulation voltage: 500 V
		-	The maximum DI number via expansion boards is 200 points
	Analogs	-	-
Outputs	Digitals	-	8x PNP outputs type / 500 mA
		-	Recommended voltage V+: 24 V dc
		-	Maximum voltage V+: 28.8 V dc
		-	The maximum current per output is 500 mA
		-	The maximum DO number via expansion boards is 200 points
	Analogs	-	-
Communication Ports and Protocols	CAN	1x port - CANOpen (Manager/Device)	
	RS485	1x port - Modbus RTU (Client/Server)	
	Mini USB	1 port - USBC (programming and Monitoring)	
Maximun Expansion Cards		8 ¹⁾	
Programming Software		WPS	
Programming Language (IEC 61131-3)		LD (Ladder) and ST (Instructured Text)	
Operation Temperature		0° to 45 °C with relative air humidity from 5 % to 90 % without condensation	
Storage Temperature		-25° a 60 °C with relative air humidity from 5 % to 90 % without condensation	
Protection Degree		IP20	
Polluted Degree		2 (according EN50178 an UL508C), with non-conductive pollution	
Operation Altitude		1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1% for every 100 m (328 ft) above 1000 m (3,300 ft)	
Certifications		CE and UL (in progress)	
Dimensions (H x W x D)		115 x 85 x 89,5 mm (4,528 x 3,346 x 3,524 in)	

1) The RUW100 has an internal power supply limited to 300mA, so the sum of the current consumption of the 8 expansion modules cannot be greater than 300 mA. The consumption of each MOD is: MOD1 0 mA, MOD2 40 mA, MOD3 150 mA, MOD5 0 mA, MOD6 30 mA, MOD7 50 mA and MOD8 0 mA.

RUW100
Remote Unit

Product and Series	Model Identification
	Model
RUW100	.00
RUW100	.00: without I/Os .01: 8 DOs / 16 DIs

- Dimensions and weight (without packaging):			
Height (mm)	Widht (mm)	Depth (mm)	
RUW100			
114,6 (4,518)	34 (1,338)	89,4 (3,52)	
Expansion modules			
115 (4,528)	25 (0,98)	89,5 (3,524)	

RUW100
Remote Unit

RUW100 - Remote Unit

Part Number	Product	Voltage Supply	Inputs		Outputs			Expansions	Communication Ports	Gross Price
			Digital s	Analog s	Transistor PNP (500 mA)	Relay	Analog s			
14809912	RUW100.00	24Vcc	-	-	-	-	-	up to 8	1 x CAN (CANopen Device) 1 x RS485 (Modbus RTU Server)	\$768
14809914	RUW100.10	24Vcc	16	-	8	-	-	up to 8		\$1,061

RUW100 - Accesories ⁽¹⁾

Part Number	Product	Description	Gross Price
14810344	MOD1.00	24 bidirectional digital inputs (NPN and PNP)	\$622
14810429	MOD1.10	24 NPN isolated digital transistor outputs (500 mA)	\$732
14810430	MOD1.20	8 bidirectional digital inputs (NPN and PNP) and 16 NPN isolated digital transistor outputs (500 mA)	\$677
14810432	MOD1.30	16 bidirectional digital inputs (NPN and PNP) and 8 NPN isolated digital transistor outputs (500 mA)	\$640
14810510	MOD2.00	7 voltage or current analog inputs (0-10 V or 0 - 20 mA)	\$805
14810511	MOD3.00	4 voltage analog outputs (0-10 V) and 4 current analog outputs (0 - 20 mA)	\$640
14810512	MOD4.00	7 thermocouple inputs types J, K and T	\$677
14810513	MOD5.00	4 RDT inputs for thermistors types PT-100 or PT-1000 (2 or 3 cables)	\$695
14810514	MOD6.00	2 cell load inputs (4 or 6 cables)	\$677
14810516	MOD7.00	6 digital output realy (8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load)	\$659

1) Same accessories as RUW200, RUW201, PLC200, PLC410 and PLC500

RUW200

Remote Unit

The remote units RUW200 receive analog signals from pressure, temperature, flow, and load cell sensors, among others, as well as digital signals, such as those provided by contactors, push buttons, limit switches, and circuit breakers. This data is transmitted to the programmable logic controller (PLC) through the communication network using Modbus TCP, Ethernet IP, or EtherCAT protocols, reducing the number of cables. This way, a single PLC can control dozens of machines in a factory simultaneously via multiple remote units.



- Certifications:



The UL certification is in process.

RUW200

Remote Unit

Technical Data		RUW200
Power Supply		24 V dc (V min.: 20.4 V dc / V max.: 28.8 V dc)
		Power supply: minimum recommended capacity 100 mA
		CPU consumption in normal operation: 100 mA (without accessories and without active communication networks). This value may vary due to CPU mounting plus expansion boards.
Processor		Arm® Cortex®-M7 32-bit - 400 MHz
Memory	Per instruction	220 ns
	Flash / Source code	1 MB
	RAM / Volatile data	128 kB
	RAM / Data retentive	4kB
Inputs	Digitales	8x PNP
		4x fast counters up to 150 kHz per counter + 4 30 kHz / 4 A/B Encoders / 4 Pulse + Direction
		Maximum input voltage of 28.8 V
		High level: Vin ≥ 10 V dc
		Low level: Vin ≤ 5 V dc
		Consumption @ 24 V dc: 0,74 mA
		Insulation voltage: 500 V
	The maximum DI number via expansion boards is 192 points	
Analogs	-	
Outputs	Digitals	4x Push-Pull outputs type / 100 mA / 300 kHz
		Recommended voltage V+: 24 V dc
		Maximum voltage V+: 28.8 V dc
		The maximum curret per output is 100 mA
	The maximum DO number via expansion boards is 192 points	
Analogs	-	
Comunication Ports and Protocols	Ethernet (RJ45) Gigabit 10/100/1.000	2x puerto - Modbus TCP/IP (Server) y Ethernet /IP (Adapter)
Maximun Expansion Cards		8 ¹⁾
Programming Software		WPS
Programming Language (IEC 61131-3)		LD (Ladder) and ST (Instructured Text)
Operation Temperature		0° to 45 °C with relative air humidity from 5 % to 90 % without condensation
Storage Temperature		-25° a 60 °C with relative air humidity from 5 % to 90 % without condensation
Protection Degree		IP20
Polluted Degree		2 (according EN50178 an UL508C), with non-conductive pollution
Operation Altitude		1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1% for every 100 m (328 ft) above 1000 m (3,300 ft)
Certifications		CE and UL (in progress)
Dimensions (H x W x D)		114,6 x 34 x 89,4 mm (4,518 x 1,338 x 3,52 in)

1) The RUW200 has an internal power supply limited to 300mA, so the sum of the current consumption of the 8 expansion modules cannot be greater than 300 mA. The consumption of each MOD is: MOD1 0 mA, MOD2 40 mA, MOD3 150 mA, MOD5 0 mA, MOD6 30 mA, MOD7 50 mA and MOD8 0 mA.

RUW200

Remote Unit

- Technical Specification of the Expansion Units

	MOD1 ... MOD7	
Power Supply	Supplied by the RUW200/RUW201	
Digital Inputs	Bidirectional digital inputs (NPN and PNP)	
	Maximum input voltage: 28,8 Vcc	
	High level: $V_{in} \geq 10\text{ V}$ / Low level: $V_{in} \leq 3\text{ V}$	
	Current consumption when 24 V is applied to the input: 10 mA	
Digital Outputs	Insulation voltage: 500 V	
	PNP Outputs type / 500 mA	
	Recommended voltage: 24 Vcc (maximum 28,8 Vcc)	
Relay Digital Outputs	Isolated outputs	
	Maximum switch load: 8 A - 250 VAC, resistive load / 5 A - 30 VDC, resistive load	
Analog Inputs	Voltage and current inputs	
	Input voltage range: 0 a 10 V differential	
	Common mode voltage limits: -10 a 10 V	
	Input current range: 0 a 20 mA	
	Resolution: 24 Bits	
Analog Outputs	Voltage	Current
	limits: 0 - 10 V	maximum: 20 mA
	Maximum current: 10 mA	Maximum load: 500 Ω
	Resolution: 12 Bits	
	Up to 2 modules connected on the same RUW100	
Thermocouple Inputs	Supported types: J, K and T	
Termistor Inputs	Supported Types: PT100 and PT1000 (2 or 3 cables)	
	It is necessary a 3 cables model to achieve resistance compensation of the cables	
Load Cell Inputs	Supported Types: 4 or 6 cables	
Operating temperature	0° to 45 °C with relative air humidity from 5 % to 90 % without condensation	
Protection rating	IP20	
Pollution degree	2 (according EN50178 an UL508C), with non-conductive pollution	
Operating Altitude	1000 m (3,300 ft). Above 1000 m to 4000 m (3,300 ft to 13,200 ft), the output current must be derated by 1 % for every 100 m (328 ft) above 1000 m (3,300 ft)	

- I/O Quantities:

Reference	Inputs					Outputs			
	Analogs (voltage or current) ⁽²⁾	Digitals bidirectional (NPN and PNP)	Thermo Couple type J, K and T	Thermistor type Pt-100 and Pt-1000	Load Cell	Digitals PNP isolated (500 mA) ⁽³⁾	Analogs (voltage and current) ⁽²⁾	Analogs (current) ⁽²⁾	Relay ⁽⁴⁾
MOD1.00	-	24	-	-	-	-	-	-	-
MOD1.10	-	-	-	-	-	24	-	-	-
MOD1.20	-	8	-	-	-	16	-	-	-
MOD1.30	-	16	-	-	-	8	-	-	-
MOD2.00	7	-	-	-	-	-	-	-	-
MOD3.00	-	-	-	-	-	-	4	4	-
MOD4.00	-	-	7	-	-	-	-	-	-
MOD5.00	-	-	-	4	-	-	-	-	-
MOD6.00	-	-	-	-	2	-	-	-	-
MOD7.00	-	-	-	-	-	-	-	-	6

1) The RUW200 has an internal power supply limited to 300mA, so the sum of the current consumption of the 8 expansion modules cannot be greater than 300 mA. The consumption of each MOD is: MOD1 0 mA, MOD2 40 mA, MOD3 150 mA, MOD5 0 mA, MOD6 30 mA, MOD7 50 mA and MOD8 0 mA.

2) The voltage inputs allows 0 - 10 V signals and the current inputs allows 0 - 20 mA signals.

3) Transistor outputs model. 4) Relay outputs: 8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load.

RUW200

Remote Unit

Product and Series	Model Identification
	Number of I/Os
RUW200	.0
RUW200	.0: con 4DOs/8DIs

- Dimensions and weight (without packaging):		
Height mm (in)	Widht mm (in)	Depth mm (in)
RUW100		
114,6 (4,518)	34 (1,338)	89,4 (3,52)
Expansion modules		
115 (4,528)	25 (0,98)	89,5 (3,524)

RUW200

Remote Unit

RUW200 - Remote Unit

Part Number	Product	Voltage Supply	Inputs		Outputs			Expansions	Communication Ports	Gross Price
			Digitals ¹⁾	Analog	Transistor ²⁾ PNP (500 mA)	Relay	Analog			
17985372	RUW200	24Vcc	8	-	4	-	-	up to 8	2 x Ethernet Modbus TCP (Server) Ethernet IP (Adapter)	\$4,795

1) 4x fast counters up to 150 kHz per counter + 4 30 kHz / 4 A/B Encoders / 4 Pulse + Direction

2) 4x Push-Pull outputs type / 100 mA / 300 kHz

RUW200 - Accesories ⁽¹⁾

Part Number	Product	Description	Gross Price
14810344	MOD1.00	24 bidirectional digital inputs (NPN and PNP)	\$622
14810429	MOD1.10	24 NPN isolated digital transistor outputs (500 mA)	\$732
14810430	MOD1.20	8 bidirectional digital inputs (NPN and PNP) and 16 NPN isolated digital transistor outputs (500 mA)	\$677
14810432	MOD1.30	16 bidirectional digital inputs (NPN and PNP) and 8 NPN isolated digital transistor outputs (500 mA)	\$640
14810510	MOD2.00	7 voltage or current analog inputs (0-10 V or 0 - 20 mA)	\$805
14810511	MOD3.00	4 voltage analog outputs (0-10 V) and 4 current analog outputs (0 - 20 mA)	\$640
14810512	MOD4.00	7 thermocouple inputs types J, K and T	\$677
14810513	MOD5.00	4 RDT inputs for thermistors types PT-100 or PT-1000 (2 or 3 cables)	\$695
14810514	MOD6.00	2 cell load inputs (4 or 6 cables)	\$677
14810516	MOD7.00	6 digital output realy (8 A / 250 Vac / resistive load or 5 A / 30 Vdc / resistive load)	\$659

3) Same accessories as RUW100, PLC200, PLC410 and PLC500

With the concern of maintaining a modern design and a high quality product, WEG has developed a new line of HMIs. The touch screens are colored and have LED backlight. They also have flexible and free programming software with the possibility of simulation on the computer. The new cMT line comes standard with RS232, RS485, Ethernet and USB communication ports.



- Certifications:



There are just three specific model that are UL marked

HMI - cMTX

Human Machine Interface

Models		cMT2078X	cMT3102X	cMT3162X
Line		Standard	Advanced	Advanced
Display	Display	7" TFT	10.1" TFT LCD	15.6" IPS
	Resolution	800 x 480	1024 x 600	1024 x 768
	Brightness (cd/m2)	400 (cd/m²)	350 (cd/m²)	400 (cd/m²)
	Contrast Ratio	800:1	500:1	100:1
	Backlight Type	LED		
	Backlight Life Time	> 30,000 hrs.	>50,000 hrs.	
	Colors	16.7 M	16.7 M	16.2 M
	LCD Viewing Angle (T/B/R/L)	80/60/80/80	70/70/80/80	89/89/89/89
Pixel Pitch (mm)		0.1926(H) x 0.179(V)	0.2175 (H) x 0.2088 (V)	0.297(H) x 0.297(V)
Touch Panel	Type	4-wire Resistive Type		Tempered Glass, Capacitive Type
	Hardness Scale	Active Area Length (X)±2% / Width (Y)±2%		7H
Memory	Flash	4 GB		
	RAM	1 GB		
Processor	Modelo	Quad-core RISC		
Communication Ports	SD Card Slot	-		
	USB Host	USB 2.0 x 1		
	USB Client	-		
	Ethernet	-		
	Ethernet	10/100 Base-T x 1		
	Dual WiFi	-	Yes (optional)	-
	COM Ports	Double Port: Connector A (female) and Connector B (male) Connector A/COM2: RS-485(2/4 wires) Connector A/COM3: RS-485 (2 wires) Connector B/COM1: RS-232 (4 wires) Connector B/COM3: RS-232 (2 wires)		
	RS-485 isolation	-		
	CAN Bus	-	Yes	
	HDMI	-		
Audio Output		-	Built-in Mono Speaker 3.5 mm jack x 1	
Communication Protocols		RS-232, Modbus-RTU, Modbus-TCP/IP, Ethernet/IP, OPC UA and MQTT		
Programming Software	EasyBuilder Pro	Yes		
	Cloud	EasyAccess y Dashboard as optionals		
	CODESYS	Yes (optional)		
	Available Protocols w/ CODESYS	CANopen, EtherNet/IP, EtherCAT		
RTC	Real Time Clock	Yes (built in battery)		
Power Supply	Voltage	24 ± 20% Vdc		
	Power Consumption	820mA/24Vdc	1000mA/24Vdc	1300mA/24Vdc
	Power Insulation	Yes		
	Voltage Insulation	500 Vac (1 min.)		
	Insulation Resistance	Exceed 50 MΩ 500Vdc		
Mechanical Specification	PCB Coating	Yes		
	Enclosure	Plastic		Front: Plastic Real: Aluminum
	Dimensions WxHxD (mm)	200.3 x 146.3 x 35	271 x 213 x 38	366 x 293 x 51.5
	Panel Cutout (mm)	192 x 138	260 x 202	352 x 279
	Weight	0.6 kg	1.2 kg	2.75 kg
	Mount	Panel Door and Machine Operator Console		
Environment	Protection Degree	UL Type 4X / NEMA4 / IP66	NEMA4 / IP65	UL Type 4X / NEMA4 / IP66
	Storage Temperature	-20° up to 60°C (-4° up to 140°F)		
	Operating Temperature	0° up to 55°C (32° up to 131°F)	0° up to 50°C (32° up to 122°F)	0° up to 50°C (32° up to 122°F)
	Relative Humidity	10 a 90% non-condensing		
	Vibration Endurance	10 up to 25Hz (direction X, Y, Z / 2G / 30 minutes)		
Certification	CE	Yes		
	cULus	Yes		
	RoHS	Yes		

Serie cMT			
Main Features		cMT2000X Standard	cMT3000X Advanced
Weincloud	Dashboard ¹⁾	✓	✓
	EasyAccess 2.0 ¹⁾	✓	✓
Function	64-bit Data Type	✓	✓
	3G/4G Dongle	✓	✓
	Web Interface (EasyWeb 2.0)	✓	✓
	FTP File Transfer	✓	✓
	Ethernet Printer	✓	✓
	Web Streaming	✓	✓
	Window Animation / Transparency	✓	✓
	LDAP	✓	✓
	WebView	✓	✓
	cMT Viewer App	✓	✓
	cMT Diagnoser	✓	✓
	VNC Server	✓	✓
Object	VNC Viewer	✓	✓
	PDF Reader	✓	✓
	BACnet Schedule	✓	✓
	Action Trigger	✓	✓
	Media Player	✓	✓
	IP/USB Camera	✓	✓
	JS Object	✓	✓
	Barcode Scanner (Android Camera)	✗	✓
	PLC Web Browser	✗	✓
IIoT/Energy	MQTT	✓	✓
	MQTT Cloud Service Integration ²⁾	✓	✓
	OPC UA Server	✗	✓
	OPC UA Client	✓	✓
	Energy Demand Display / Setting	✗	✓
Data/History	Database Server	✗	✓
	SQL Query	✗	✓
	Event Bar Chart	✗	✓
Driver	CAN bus	✗	✓
Others	CODESYS®	✓	✓

1) The Dashboard requires the EasyAccess 2.0 license and must be purchased separately. The exception is the cMT3152X, which has an i

2) Integration with AWS IoT, Sparkplug B, Azure IoT Hub, Google Cloud IoT Core.

HMI - cMTX

Human Machine Interface

MT - Human Machine Interface

Part Number	Product	Description	Gross Price
16280337	cMT2078X	7" Standard Human Machine Interface with 2 x serial ports, 2 x Ethernet ports y 1 x USB port. Allows the optionals: EasyAccess (via RZACEA020 accessory) and Built-in PLC (via RZ0CDS000 accessory and programming via CODESYS)	\$1,451
16280729	cMT3102X	10.1" Advanced Human Machine Interface with 2 x serial ports, 2 x Ethernet ports and 1 x USB port Allows the optionals: EasyAccess (via RZACEA020 accessory), Built-in PLC (via RZ0CDS000 accessory and programming via CODESYS) and WiFi (via M02 accessory)	\$2,407
17586969	cMT3162X	15.6" Advanced Human Machine Interface with 2 x serial ports, 2 x Ethernet ports, 1 x USB port and EasyAccess built-in. Allows the optionals: EasyAccess (via RZACEA020 accessory) and Built-in PLC (via RZ0CDS000 accessory and programming via CODESYS)	\$5,410

MT - Accessories

Part Number	Product	Description	Gross Price
13753693	RZACEA020	EASY ACCESS activation card	\$537
16280732	M02	WiFi connection module	\$248
16554149	RZ0CDS000	Codesys activation card	\$312