DATASHEET
Power Factor Correction Capacitors



Main Features

Reference	: UCWT
Product code	: 10045997
Rated operational voltage Ue	: 480V60Hz
Series	: D
Reactive power	: 5.0 kVAr
Operational frequency	: 60 Hz

Basic Data

Number of phases	: Three-phase
Series	: D
Reactive power	: 5.0 kVAr
Operational frequency	: 60 Hz
Rated operational voltage Ue	: 480V60Hz

Operating voltage	Reactive Powers	
	60 Hz	50 Hz
480	5,00	4,2
440	4,2	3,5
415	3,7	3,1

Capacitance (delta connected)	: 19.2
Capacitance tolerance	: ±5%
Rated current	: 6,00A
Lifespan	: 150.000 h
Temperature class	: -25/D
Safety system	: Self-healing polypropylene film / Over-pressure disconnection
Max. short circuit capacity	: 10 kA
Discharge resistance conection	: Internal
Discharge resistance	: Internal
Impregnation	: Polyurethane resin
Maximum dV/dt	: <30 V/µs
Maximum current (short periods of time)	: 1.5 x In
Maximum inrush current	: <100 x In
Cover type	: Plastic
Protection degree	: IP50
Mounting position	: Vertical/horizontal
Minimum free distance required - top	: 20 mm (0.79 in)
Minimum free distance required - side	: 20 mm (0.79 in)

Connection

Terminal type	: Screw
Screw type	: M3x2,5 Slot/Phillips
Cable gauge of power supply	
- IEC Standard	: 0,5 mm² / 20 AWG ... 6 mm² / 9 AWG
- UL Standard	: Not available
Tightening torque (terminals)	
- IEC Standard	: 0,8 N.m / 0.59 lbf-in ... 1,5 N.m / 13.3 lbf-in
- UL Standard	: Not available
Tightening torque for connection	
- IEC Standard	: 14 N.m / 123.9 lbf-in
- UL Standard	: Not available

Ambient conditions

Temperature	
- Operation	: -25°C / -13 °F ... 55°C / 131 °F
- Storage	: Not available
Maximum average ambient temperature 24 h	: 45°C / 113 °F
Maximum average temperature 1 year	: 35°C / 95 °F
Maximum permissible operating altitude	: 2.000 m / 6562 ft

Dimensions

Diameter	: 60mm / 2.36 in
Height	: 211 mm / 8.31 in)
Gross weight	: 0,730 kg / 1.609 lb

Compliance/standards

- IEC 60831-1-2
- UL 810

Certifications

- 00022

Notes

1) Image merely illustrative;