



CQ-46/50

CQ-46/50, Power Capacitor

Code: R2035K. (CONSULTAR DISPONIBILIDAD)

- > kvar 50 Hz: 50
- > kvar 60 Hz: 60
- > Frequency (Hz): 50
- > Use voltage (V): 460

Specifications

AC power supply

Frequency	50 ó 60 Hz
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Electrical characteristics

Losses (W)	Dielectric: < 0,2 W / kvar Total: < 0,4 W / kvar
Discharge resistance	75 V / 3 min
Surge	10 % 8 h over 24 h 15 % up to 15 min over 24 hours 20 % up to 5 min over 24 hours 30 % up to 1 min over 24 hours
Tolerance C	-5 ... +15 %
Voltage	460 V
Insulation voltage, circuit	3 / 15 kV

Mechanical characteristics

Size (mm) width x height x depth	360 x 520 x 75 (mm)
Envelope	Treated and painted steel in RAL 3005 colour
Torque setting	15 Nm
Cable gauge at current terminals	Power M10 Earth M6
Fastening	Vertical. Minimum distance between condensers 4 cm
Ventilation	Natural or forced depending on the cabinet
Weight (kg)	8,5

Environmental characteristics

Protection class	IP 42 with terminal cover
Relative humidity (without condensation)	80%
Working temperature	T° class C: Daily average: 40 °C, annual average: 30 °C, maximum: 50 °C, minimum: -40 °C

Standards

Certifications	VDE 560
Electrical safety, Maximum height (m)	2000
Standards	IEC 60831-1, IEC 70/7, UNE-EN 20827, UNE-EN 20010, BS 1650

Current measurement circuit

Allowable overload	1,3 In
Permanent overload	1,3 In



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Low voltage three-phase power capacitors

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Protection

Circuit breaker type

Dielectric regeneration Internal fuse Overpressure system Vermiculite
