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CQ-46/50

CQ-46/50, Power Capacitor

Code: R2035K. DESCATALOGADO

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

Description

The CQ dry-type prismatic capacitor range covers all power and voltage requirements, from 50 to 60 Hz. The design, manufacturing and testing processes of prismatic capacitors guarantee the production of top quality and long lasting capacitors. The 4 internal protection levels (self-regulation of the internal fuse, protection cover and vermiculite) make prismatic capacitors the safest units in the market.

Application

Its application is based on the compensation in installations with fixed and variable loads (capacitor banks).







CQ-46/50

Low voltage three-phase power capacitors

Code: R2035K.

Specifications

AC power supply	
Frequency	50 ó 60 Hz
Electrical characteristics	
Permanent overload	1,3 In
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
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^{a} 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
Protection	
Circuit breaker type	Dielectric regeneration Internal fuse Overpressure system Vermiculite

CQ-50 Hz

Power capacitors for LV $\,$

CODE	TYPE	kvar 50 Hz	kvar 60 Hz	Use voltage (V)	
400 Vac					







CQ-46/50

Low voltage three-phase power capacitors

Code: R2035K.

TYPE	kvar 50 Hz	kvar 60 Hz	Use voltage (V)
CQ-40/10	10	12.5	400
CQ-40/12,5	12.5	15	400
CQ-40/15	15	17.5	400
CQ-40/20	20	25	400
CQ-40/25	25	30	400
CQ-40/30	30	35	400
CQ-40/40	40	50	400
CQ-40/50	50	60	400
CQ-44/15	15	17.5	440
CQ-44/20	20	25	440
CQ-44/25	25	30	440
CQ-44/30	30	35	440
CQ-44/40	40	50	440
CQ-44/50	50	60	440
	CQ-40/10 CQ-40/12,5 CQ-40/15 CQ-40/20 CQ-40/25 CQ-40/30 CQ-40/40 CQ-40/50 CQ-44/15 CQ-44/20 CQ-44/25 CQ-44/30 CQ-44/40	CQ-40/10 10 CQ-40/12,5 12.5 CQ-40/15 15 CQ-40/20 20 CQ-40/25 25 CQ-40/30 30 CQ-40/40 40 CQ-40/50 50 CQ-44/15 15 CQ-44/20 20 CQ-44/30 30 CQ-44/40 40	CQ-40/10 10 12.5 CQ-40/12,5 12.5 15 CQ-40/15 15 17.5 CQ-40/20 20 25 CQ-40/25 25 30 CQ-40/30 30 35 CQ-40/40 40 50 CQ-40/50 50 60 CQ-44/15 15 17.5 CQ-44/20 20 25 CQ-44/25 25 30 CQ-44/30 30 35 CQ-44/40 40 50

