



CQ-40/50

CQ-40/50, Power Capacitor

Code: R2033K.

- > kvar 50 Hz: 50
- > kvar 60 Hz: 60
- > Frequency (Hz): 50
- > Use voltage (V): 400

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-40/50

Low voltage three-phase power capacitors

Code: R2033K.

Specifications

AC power supply

Frequency	50 ó 60 Hz
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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	400 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)	8,54

Environmental characteristics

Protection class	IP 42 with terminal cover
Relative humidity (without condensation)	80%
Working temperature	Tª 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
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CQ-50 Hz

Power capacitors for LV

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



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Low voltage three-phase power capacitors

Code: R2033K.

CODE	TYPE	kvar 50 Hz	kvar 60 Hz	Use voltage (V)
R2033C.	CQ-40/10	10	12.5	400
R2033D.	CQ-40/12,5	12.5	15	400
R2033E.	CQ-40/15	15	17.5	400
R2033F.	CQ-40/20	20	25	400
R2033G.	CQ-40/25	25	30	400
R2033H.	CQ-40/30	30	35	400
R2033J.	CQ-40/40	40	50	400
R2033K.	CQ-40/50	50	60	400
440 Vac				
R2034E.	CQ-44/15	15	17.5	440
R2034F.	CQ-44/20	20	25	440
R2034G.	CQ-44/25	25	30	440
R2034H.	CQ-44/30	30	35	440
R2034J.	CQ-44/40	40	50	440
R2034K.	CQ-44/50	50	60	440



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Low voltage three-phase power capacitors

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Dimensions

