



CSB-A-50-440

CSB-A-50-440, Fixed capacitors with automatic protection

Code: R2473J. DESCATALOGADO

- > Cable section (mm²): 25
- > kvar (400 V): 42
- > kvar (440 V): 50
- > Cut off power: 50 kA
- > Aut.Switch (A): 100
- > Use voltage (V): 440
- > Type of protection: automatischer Schalter

Description

The **CSB-A** capacitors with automatic switch protection are fixed compensation units that have been designed for reactive energy compensation purposes in motors and transformers with constant load levels. Including a general protection system with an automatic switch for the capacitor.

Application

Its application is mainly based on the compensation of transformers and motors. In general, they are used for the compensation of installations with constant loads.



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Specifications

AC power supply

Frequency	50 Hz
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Electrical characteristics

Permanent overload	1,3 In
Losses (W)	Dielectric: < 0,2 W / kvar Total: < 0,5 W / kvar
Discharge resistance	75 V / 3 min
Surge	10%
Tolerance C	± 10 %
Voltage	440 V
Insulation voltage, circuit	3 / 15 kV

Mechanical characteristics

Size (mm) width x height x depth	360 x 814 x 196 (mm)
Envelope	Treated and painted steel in RAL 3005 colour
Fastening	Vertical / Horizontal. Minimum distance between condensers 4 cm
Ventilation	Natural or forced depending on the cabinet
Weight (kg)	15

Environmental characteristics

Protection class	IP 42 with terminal cover
Relative humidity (without condensation)	80%
Working temperature	T° class D: Daily average: 45 °C, annual average: 35 °C, maximum: 55 °C, minimum: -25 °C

Standards

Electrical safety, Maximum height (m)	2000
Standards	IEC 60831-1, UNE-EN 60831-1

Features / performance

Components	CS capacitor General three-pole circuit breaker protection
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Protection

Circuit breaker type	Dielectric regeneration Internal fuse Overpressure system Vermiculite
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Dimensions

