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Description

The OPTIM 2 series automatic capacitor banks have been designed for the automatic compensation of reactive energy in networks with fluctuating loads and power variations during seconds, by switching operations carried out by contactors.

Application

Their simple installation, high-technology and robustness make the OPTIM 2 series the ideal unit for compensating reactive energy in installations with fluctuating load levels.

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Specifications

AC power supply

Frequency	50 Hz

Electrical characteristics

Losses (W)	< 0,5 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
Manoeuvre voltage	Contactors: 230 V
Reinforcement voltage	440 V
Tolerance C	-5% / 10 %
Voltage	400 V (other voltages on request)

Mechanical characteristics

Size (mm) width x height x depth	362 x 500 x 166 (mm)
Envelope	Thermoplastic. RAL 7035
Thermal management	Natural or forced according to options
Fastening	Vertical / On wall
Weight (kg)	7,3

Environmental characteristics

Protection class	IP 21
Relative humidity (without condensation)	80%
Working temperature	Tª class D: Daily average: 45 °C, annual average: 35 °C, maximum: 55 °C, minimum: -50 °C

Current measurement circuit

Permanent overload	1,3 In
Transformation ratio	In/0,25 A

Standards

Electrical safety, Maximum height (m)	1000 máx. (para altitud mayor prever siempre ventilación forzada)
Standards	IEC 60831-1, IEC 61921, IEC 60439

Features / performance

Components	Reactive energy regulator, TWO computer, with 2 relay outputs
Optional	Other frequencies, consult.

Protection

Circuit breaker type	General built-in circuit breaker protection

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Dimensions

