



## OPTIM 1-6,25-440

OPTIM 1-6,25-440, Capacitor bank

Code: R3Q651EN00000 [CONSULTAR DISPONIBILIDAD](#)

- > Cable section (mm<sup>2</sup>): 6
- > Nr steps: 1
- > kvar (400 V): 5
- > kvar (440 V): 6,25
- > Aut.Switch (A): Included
- > Man.Switch (A): -
- > Composition: 1 x 6,25
- > Use voltage (V): 440
- > Mounting: Wall-mounted

### Description

The regulated capacitors of the OPTIM 1 / OPTIM 1A / OPTIM 1M series are power factor compensation units operated by a computer one (OPTIM 1 / OPTIM 1A) or computer one m (OPTIM 1M) reactive relay.

### Application

Their simple installation, high-technology and robustness make OPTIM 1 / OPTIM 1A / OPTIM 1M regulated capacitors an ideal compact unit for compensating reactive energy in low power installations or loads where the load levels are not subject to major fluctuations such as:

- Small businesses
- Restaurants
- Lifts
- Irrigation pumps
- etc.



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## Specifications

### AC power supply

Frequency	50 Hz
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### 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	215 x 500 x 166 (mm)
Envelope	Thermoplastic. RAL 7035
Thermal management	Natural or forced according to options
Fastening	Vertical
Weight (kg)	3,4

### Environmental characteristics

Protection class	IP 21
Relative humidity (without condensation)	80%
Working temperature	T° 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

Optional	Other frequencies, consult.
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OPTIM\_1



# OPTIM 1-6,25-440

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Automatic capacitor bank with reactive relay.

CODE	TYPE	kvar (400 V)	kvar (440 V)	Nr steps	Cable section (mm2)
OPTIM 1, automatic capacitor bank with reactive relay. Requires one measuring transformer - MC series 250 mA (see Measuring current Transformers)					
R3Q681EN00000	OPTIM 1-12,5-440	10	12,5	1	6
R3Q691EN00000	OPTIM 1-15-440	12,5	15	1	6



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### Dimensions

