EMF 60/400

EMF 60/400, Capacitor bank

Code: R41136. **DESCATALOGADO**

> kvar (400 V): 60

Description

The static switching modules of the EM Series are the basic building block for the construction of static capacitor banks for Power factor correction purposes. These capacitor banks use thyristors instead of the classic contactors for the connection of each large group of capacitors and they are ideal in installations where the leakage current suffers quick and large fluctuations (load changes in intervals that can range from split seconds to 8 or 10 seconds).

Application

The static switching units of the EM Series have been designed to connect and disconnect capacitors in milliseconds. They can be used to build capacitors with various steps, or for the individual compensation of a load that must be compensated instantly due to connection / disconnection deficiencies, for example, in welding units, cranes, lifts, etc.

EMF 60/400

Static switching units (three-phase)

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Specifications

AC power supply

Frequency	50/60 Hz

Mechanical characteristics

Size (mm) width x height x depth	177 x 485 x 268 (mm)
Weight (kg)	10,5

Environmental characteristics

Protection class	IP 00
Ambient temperature	40 °C (máx)
Working temperature	80 °C max. heatsink temperature

Electrical characteristics

Maximum transient current	1.5 In for 1 min
Voltage	Up to 3 x 440 V~ (without detuned filters) Up to 3 x 415 V~ (with detuned filters)

Standards

Standards	UNE-EN 60439 (IEC 61439), IEC 60146, CSA 22.2 Nº 14

Protection

di / dt	100 A/µs (L = 12 µH, not included, must be assembled in series with the condenser)
du / dt	RC protection at 1000 V/µs
Element	suitable for the gauge (EMF type). 90°C thermostat

EMF / EMB
Three-phase static switching units for 6-terminal capacitors

CODE	TYPE	kvar (400 V)
With terminal, serie EMB		
R41236.	EMB-60/400	60

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Static switching units (three-phase)

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Dimensions