

EMB-2PH-25-400

EMB-2PH-25-400, Static switching

Code: R41321.

> kvar (230 V): 12,5

> kvar (400 V): 25

Description

EMB-2PH static switching modules series are the building blocks for the construction of static capacitor banks for Power Factor Correction.

These capacitor banks use thyristors instead of the classic contactors for the connection of each capacitor stage and they are ideal in installations with fast and large load fluctuations (load changes from tents of seconds up to 8 or 10 seconds).

Application

EMB-2PH static switching modules have been designed to connect and disconnect capacitors in some milliseconds. They can be used to build capacitors with some stages, or for the individual compensation of a load that must be compensated instantly and which is not able to be disconnected such as welding machines, cranes, lifts, etc.

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EMB-2PH-25-400

Three-phase static switching units for 3-terminal capacitors

Code: R41321.

Specifications

AC power supply	
Frequency	50/60 Hz

Mechanical characteristics	
Size (mm) width x height x depth	200 x 220 x 200 (mm)
Thermal management	Fan: auxiliary voltage at 1x230 V~ (at terminals A1, A2)
Weight (kg)	5,2

Environmental characteristics	
Protection class	IP 00
Ambient temperature	45 °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	IEC 61439

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	Fuses not included. External protection against overload and short circuits is required. 90°C thermostat

EMB-2PH
Three-phase static switching units for 3-terminal capacitors

CODE	TYPE	kvar (400 V)	kvar (230 V)
External 12VDC activation signal required. With terminals			
R41321.	EMB-2PH-25-400	25	12,5
R4132M.	EMB-M-2PH-80-400	80	45

Maximum operating voltage: 3 x 440 Vac (415 Vac with detuned reactors) Polycarbonate cover for EMB-2PH

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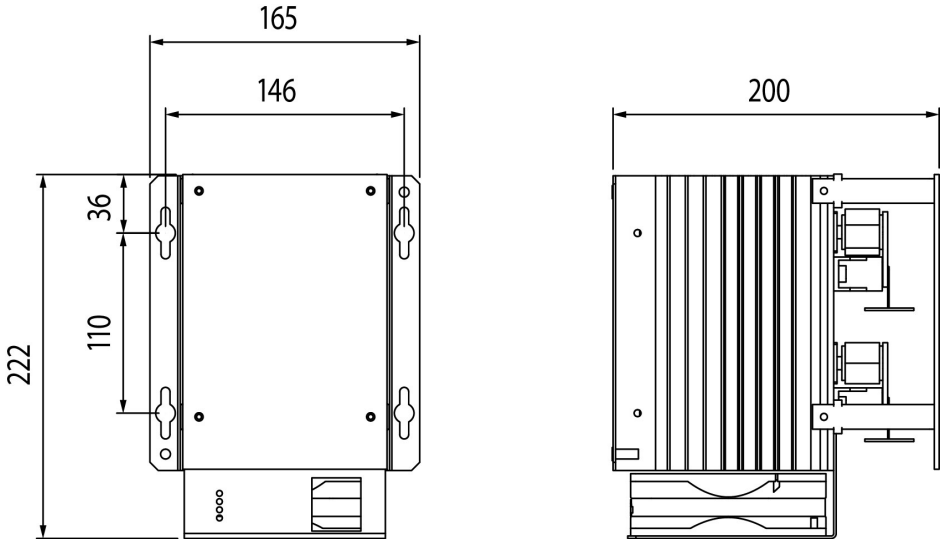


EMB-2PH-25-400

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Dimensions



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