

## FLUSH-MOUNTED DISTRIBUTION BOARD

12-module type EM/RPT-12M  
24-module type EM/RPT-24M

**CODE:** EM/RPT-12M  
EM/RPT-24M



### DESCRIPTION AND TECHNICAL CHARACTERISTICS

Modular EmitterNet flush-mounted distribution boards are designed for the installation and termination of electrical systems in residential buildings. The distribution board is a metal box with Class I protection. The TH rail can be unscrewed, ensuring convenience for the installer, and an additional mounting plate covers the installed modules, providing protection against direct contact. The plate also features a dedicated opening, sized to match the external dimensions of the modules, allowing visibility and control (if applicable).

Additional accessories include: main switch (isolator switch), fuses (overcurrent circuit breakers), residual current circuit breaker, surge protection device. The rail-mounted modules are not included as standard in the enclosures and constitute an extension option according to the designer's/user's needs.

### FEATURES OF THE PRODUCT

- Installation method: flush-mounted
- Produced in two sizes
- Cable entry from the side
- Option to install the box with door opening to the right or left
- Front door made of solid metal
- Possibility to equip with modules
- Standard TH rail
- Removable mounting plate included as standard
- Installation in both solid (masonry) walls and drywall structures
- Removable doors
- Removable front frame
- Possibility to mount multiple enclosures vertically
- Lockable door
- Connection of protective conductors to
- The base of the enclosure and the front door (grounding points)

Cable termination is carried out in appropriate sockets or connectors of the modules mounted on the TH rail.

The enclosure size should be selected based on the number of protection modules to be installed; if needed, two or more enclosures can be mounted vertically to increase capacity.

**The EM/RPT-XXM distribution board can be installed together with the EM/TSM-PWxZ residential telecommunications enclosure, ensuring consistent design.**

(NOTE: The electrical installation must be carried out by the installer in accordance with applicable regulations, ensuring proper insulation of connections to protect against direct contact. In the case of installing distribution boards with power supply, the installation should be performed by personnel with the required qualifications.)

## TECHNICAL PARAMETERS

- Color: White RAL 9016\*
- Construction: Steel sheet enclosure, anti-corrosion protected and powder-coated, removable metal frame with doors
- Installation: Flush-mounted in solid walls or drywall
- Ambient temperature: -5°C to +40°C
- Operating conditions: Humidity up to 70%
- Protection degree: IP20
- Impact protection: IK08
- Intended for indoor installation
- Protection class I
- For devices up to 100A
- Rated insulation voltage: 500 V AC / 50 Hz
- Maximum number of modules: 12 or 24 (depending on the selected distribution board)
- Connection of protective conductors to the base of the enclosure and front doors (grounding points)

\* The shade of the product color may slightly vary between different production batches; this does not constitute grounds for a complaint.

## CERTIFICATES

Declaration of Conformity with standards: PN-EN 62208:2011

DIMENSIONS				RECESS DIMENSIONS**		
Model	Width [mm]	Height [mm]	Depth [mm]	Width [mm]	Height [mm]	Depth [mm]
EM/RPT-12M	355	330	112+2*	297	274	111
EM/RPT-24M	355	475	112+2*	300	420	111

\* 90 mm in the wall, 2 mm front frame with doors

\*\* The provided dimensions are minimum values; the recess size should be determined based on personal preference, tolerance, and further installation and wall finishing method. The given dimensions refer to the recess opening when the base edge (flange) of the enclosure can rest on the edge of the recess (wall).

## RELATED PRODUCTS

- EM/RPT-PEN Split PE-N terminal strip for DIN/TH35 rail
- EM/RPT-PE PE terminal strip for DIN/TH35 rail
- EM/RPT-N N terminal strip for DIN/TH35 rail



model EM/RPT-12M



model EM/RPT-24M

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