



**EMEX**

## MX25 RX exit sign body, 3 h

Product code 825301 · Emergency lighting > MX luminaires

Body of the addressable MX25 RX exit sign with a rated duration of 3 hours. With its red cross, the luminaire can indicate a closed exit direction during a fire alarm.

- Red cross indicates a closed exit direction
- The cross is controlled by a control expression in the fire alarm control panel
- Viewing distance 25 m, maintained LED sign
- Internal NiMH battery, rated duration 3 h
- Mounted on analogue base 3312FLW/3312W
- EN 60598-2-22, EN 1838, EN 62034 and EN ISO 7010



### Product description

Emex MX25 RX is an addressable LED exit sign for Panasonic fire alarm systems (EBL512 G3, EBLOne). This product is the luminaire body, i.e. the mounting profile with its electronics and 3-hour battery (NiMH 2.4 V, HHR-210AH). The sign panel, the red cross panel 970020 and the analogue base 3312FLW/3312W are ordered separately. The sign is maintained: the whole panel is illuminated in both normal and emergency mode, and the viewing distance is 25 m.

### Red cross (RX)

On the RX model, the separately ordered red cross panel 970020 is fitted on top of the sign panel. When an alarm point or zone is in fire alarm state, a control expression lights the cross to indicate that the exit direction cannot be used safely, for example because of smoke. The cross goes out when the fire alarm is reset with the reset button on the control panel. In EBLWin the device is programmed as type Exit light (MXER). On the RX model the sign panel can only be single-sided.

### Monitoring and testing

The luminaire performs a commissioning test, an automatic monthly function test and a full duration test at least once a year. The indicator light shows its status (green = normal, flashing green = commissioning test, red = LED fault, flashing red = battery fault or failed duration test), and faults are reported to the fire alarm control panel as technical warnings.

### Installation

The body is fitted to the analogue base by turning it 25° clockwise and locking it with the hexagon socket screw, after which the sign is turned to the correct position. The sign panel is slid into the profile until it clicks into place and is fixed with a screw. The COM loop is connected to the SA and SB terminals of the base and the 24 V supply line to the E+ and E- terminals; the address (001-253) is set with the address setting tool 4414. A recessed mounting frame 920001, ball guard 920009 and threaded rod plate 920013 are available as accessories.

## Technical data

|                                 |                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------|
| Product code                    | 825301                                                                                        |
| Manufacturer                    | Emex                                                                                          |
| Product group                   | Emergency lighting > MX luminaires                                                            |
| Viewing distance                | 25 m                                                                                          |
| Operating voltage               | 24 V DC (permitted 12–32 V DC)                                                                |
| Light source                    | LED                                                                                           |
| Input power                     | 0.9 W (battery charging), 0.4 W (battery fully charged); with the red cross lit 1.2 W / 0.7 W |
| Battery                         | NiMH 2.4 V (HHR-210AH), spare part 910008                                                     |
| IP rating                       | IP41                                                                                          |
| Colour                          | White                                                                                         |
| Material                        | PC, acrylic                                                                                   |
| Operating temperature           | 0...+55 °C                                                                                    |
| Availability                    | Made to order                                                                                 |
| Current consumption (quiescent) | 16 mA (battery fully charged), 38 mA (charging); with the red cross lit 29–52 mA              |
| COM loop current                | 1.9 mA quiescent, 1.5 mA active                                                               |
| Rated duration                  | 3 h                                                                                           |
| Operating mode                  | Maintained (sign always lit)                                                                  |
| Dimensions                      | 102 × 261 × 225 mm (luminaire with panel)                                                     |
| Humidity                        | Max. 95% RH, non-condensing                                                                   |
| Mounting                        | Analogue base 3312FLW/3312W, ceiling or wall                                                  |
| Address range                   | 001–253 (address setting tool 4414)                                                           |
| Compatibility                   | EBL512 G3 (software ≥ 2.10), EBLOne (≥ 3.3)                                                   |
| Standards                       | EN 60598-2-22, EN 1838, EN 62034, EN ISO 7010                                                 |

## Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

**Technical datasheet:** MX lights

**Certificate:** Declaration of compatibility

**Certificate:** EU declaration of conformity

**Installation guide:** MX lights

### Request a quote or ask for more information

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Up-to-date information and documents: [pap.fi/en/tuote/mx25-rx-opasvalo-runko-3h/](https://pap.fi/en/tuote/mx25-rx-opasvalo-runko-3h/)