

## INDUSTRIAL COMPONENT DATA

**EMR6-I1-A-1 184790 Y7-184790 EATON ELECTRIC Current monitoring relays, 3 30 mA, 10 100 mA, 0.1 1 A, 24 240 V..**

Brand: EATON - MOELLER | Manufacturer Part Number: EMR6-I1-A-1



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | EATON - MOELLER          |
| MPN / Reference | EMR6-I1-A-1              |
| Catalog number  | Y7-184790                |
| Category        | Current monitoring relay |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-3B718F6295            |
| Generated       | 2026-08-06               |

**Product Overview**

Current monitoring relays, 3 - 30 mA, 10 - 100 mA, 0.1 - 1 A, 24 - 240 V AC, 50/60 Hz, 24 - 240 V DC

EMR6-I1-A-1

Eaton Moeller® series EMR6 Overcurrent and undercurrent monitor, Current measuring range: 3 - 30 mA, 10 - 100 mA, 0.1 - 1 A, Supply voltage: 24 - 240 V AC, 50/60 Hz, 24 - 240 V DC

Current monitoring relays, Product range: EMR Measuring and monitoring relays, Monitoring of single-phase DC and AC networks, On delay: None = 0 or adjustable from 0.1 to 30 s, Extension of the measurement range possible with current transformers, Monitoring of: Overcurrent, Undercurrent, Current measuring range: I~/I= 3 - 30 mA, 10 - 100 mA, 0.1 - 1 A , Supply voltage: 24 - 240 V AC, 50/60 Hz, 24 - 240 V DC, Mounting position: As required, Fixing: Snap fixing, top-hat rail IEC/EN 60715, Width: 22.5 mm, Standards: UL 508, CAN/CSA C22.2 No.14, GL, EAC, CCC, RMRS

## STRUCTURED PRODUCT DATA

**Technical Specifications**

No structured technical attributes are currently available. Submit an RFQ for technical review.

**Classification & Catalog Path**

|              |                                                   |
|--------------|---------------------------------------------------|
| Catalog path | EATON - MOELLER > Relay timers (KETR, KEMR, KESR) |
|--------------|---------------------------------------------------|

**Additional Product Information**

General specifications

Product Name Eaton Moeller® series EMR6 Overcurrent and undercurrent monitor Catalog Number 184790 Model Code EMR6-I1-A-1 EAN 4015081788262 Product Length/Depth 103.7 mm Product Height 85.6 mm Product Width 22.5 mm

Product Weight 0.152 kg Certifications UL 508

RMRS

CSA-C22.2 No. 14

CCC

GL

EAC Catalog Notes Extension of the measurement range possible with current transformers Features &amp; Functions

Current measurement - min 0.01 A Current measurement - max 1 A Electric connection type Screw connection Functions

DC-voltage under current

Single-phase over current possible

Single-phase under current possible

Monitoring of single-phase DC and AC networks

DC-voltage over current Monitoring function Overcurrent

Undercurrent Voltage measurement - min 24 V Voltage measurement - max 240 V General

Degree of protection Enclosure: IP50

Terminals: IP20 Lifespan, mechanical 30,000,000 Operations Mounting position As required Overvoltage category III

Pollution degree 3 Product category EMR Measuring and monitoring relays Rated impulse withstand voltage (Uimp) 4000 V

AC Shock resistance Class 2 LED indicator Status indication of active release delay: Green, flashing light

Status indication of energized output relay: Yellow LED

Status indication of Supply voltage: Green, solid light

Status indication of Output relay excited: Yellow, solid light

Status indication of measured value: Red LED

Status indication of Undercurrent: Red, flashing light

Status indication of Supply v...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMR6-I1-A-1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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