

INDUSTRIAL COMPONENT DATA

EMR6-IM1-A-1 184780 Y7-184780 EATON ELECTRIC Current monitoring relays, 3 30 mA, 10 100 mA, 0.1 1 A, 24 240 ..

Brand: EATON - MOELLER | Manufacturer Part Number: EMR6-IM1-A-1



Manufacturer	EATON - MOELLER
MPN / Reference	EMR6-IM1-A-1
Catalog number	Y7-184780
Category	Current monitoring relay
Minimum order	1 Pcs
Document ID	EO-1F94CB3D70
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-IM1-A-1

Eaton Moeller® series EMR6 Current monitoring relay, 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, Switch-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 Current monitoring relay Catalog Number 184780 Model Code EMR6-IM1-A-1

EAN 4015081788163 Product Length/Depth 103.7 mm Product Height 85.6 mm Product Width 22.5 mm Product Weight

0.153 kg Certifications EAC

CSA-C22.2 No. 14

UL 508

RMRS

CCC

GL Catalog Notes Extension of the measurement range possible with current transformers Features & Functions

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

Monitoring of single-phase DC and AC networks

DC-voltage under current

Single-phase under current possible

DC-voltage over current

Single-phase over current possible 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 energized output relay: Yellow LED

Other states depending on fault (see IL): Measured value

Status indication of Supply voltage: Green LED

Status indication of measured value: Red LED

Status indication of Supply voltage: Green, solid light Type Current monitoring relay Voltage type AC/DC Voltage type

AC/DC Climatic environmental conditions

Ambient operating...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMR6-IM1-A-1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.