

INDUSTRIAL COMPONENT DATA

EMR6-R250-A-1 184772 Y7-184772 EATON ELECTRIC

Insulation monitoring relays, 0 250 V AC, 0 300 V DC, 1 100 k?

Brand: EATON - MOELLER | Manufacturer Part Number: EMR6-R250-A-1



Manufacturer	EATON - MOELLER
MPN / Reference	EMR6-R250-A-1
Catalog number	Y7-184772
Category	Insulation and earth fault monitoring relay
Minimum order	1 Pcs
Document ID	EO-A13CF69417
Generated	2026-08-06

Product Overview

Insulation monitoring relays, 0 - 250 V AC, 0 - 300 V DC, 1 - 100 k?

EMR6-R250-A-1

Eaton Moeller® series EMR6 Insulation monitoring relays, 0 - 250 V AC, 0 - 300 V DC, 1 - 100 k?

Insulation monitoring relays, Product range: EMR Measuring and monitoring relays, Status indication via LEDs, Open-circuit principle, Test or reset with button on device or with control input, Configurable fault memory/memory function, Configurable non-volatile fault memory, Monitoring of: Insulation resistance in non-earthed AC supply systems (two-phase, three-phase, four-phase systems), Insulation resistance in non-earthed DC supply systems (two-phase, three-phase systems), adjustable sensitivity range: 1 - 100 k?, Supply voltage: 24 - 240 V AC, 50/60 Hz, 24 - 240 V DC , Rated operating voltage for the supply system being monitored: 0 - 250 V AC, 0 - 300 V DC, Mounting position: As required, Fixing: Snap fixing, top-hat rail IEC/EN 60715, Width: 22.5 mm, Standards: IEC/EN 60255-6,

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 Insulation monitoring relay Catalog Number 184772 Model Code

EMR6-R250-A-1 EAN 4015081788088 Product Length/Depth 103.7 mm Product Height 85.6 mm Product Width 22.5 mm

Product Weight 0.148 kg Certifications IEC/EN 60255-6 Features & Functions

Electric connection type Screw connection Functions For mixed system

Error registration possible

Configurable fault memory
Configurable memory function
Status indication via LEDs
Configurable non-volatile fault memory Monitoring function Insulation resistance in non-earthed AC supply systems (two-phase, three-phase, four-phase systems)
Insulation resistance in non-earthed DC supply systems (two-phase, three-phase systems) Voltage measurement - min 0 V
Voltage measurement - max 300 V General
Cable length 10 m 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 Supply voltage: Green LED
Status indication of Supply voltage: Green, solid light
Other states depending on fault (see IL): Measured value
Status indication of Faults at L+: Red LED
Status indication of Faults at L-: Red LED Type Insulation monitoring relay Voltage type AC/DC Voltage type AC/DC
Climatic environmental conditions
Ambient operating...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMR6-R250-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.