

## INDUSTRIAL COMPONENT DATA

# EMR6-RC690 184775 Y7-184775 EATON ELECTRIC Insulation monitoring relays, 0 690 V AC, 0 1000 V DC

Brand: EATON - MOELLER | Manufacturer Part Number: EMR6-RC690



|                 |                                             |
|-----------------|---------------------------------------------|
| Manufacturer    | EATON - MOELLER                             |
| MPN / Reference | EMR6-RC690                                  |
| Catalog number  | Y7-184775                                   |
| Category        | Insulation and earth fault monitoring relay |
| Minimum order   | 1 Pcs                                       |
| Document ID     | EO-216E122FFC                               |
| Generated       | 2026-08-06                                  |

## Product Overview

Insulation monitoring relays, 0 - 690 V AC, 0 - 1000 V DC

EMR6-RC690

Eaton Moeller® series EMR6 Insulation monitoring relays, 0 - 690 V AC, 0 - 1000 V DC

Insulation monitoring relays, Product range: EMR Measuring and monitoring relays, Coupling module, Expands the rated voltage range for the EMR6-R400-A-2 to 690 V AC or 1000 V DC, no supply voltage required, Rated operating voltage for the supply system being monitored: 0 - 690 V AC, 0 - 1000 V DC, Mounting position: As required, Fixing: Snap fixing, top-hat rail IEC/EN 60715, Width: 45 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 184775 Model Code EMR6-RC690 EAN 4015081788118 Product Length/Depth 100 mm Product Height 78 mm Product Width 45 mm Product Weight 0.179 kg Certifications IEC/EN 60255-6 Features & Functions

Electric connection type Screw connection Functions For mixed system Voltage measurement - min 0 V Voltage measurement - max 1000 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 Faults at L-: Red LED

Status indication of Supply voltage: Green 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 temperature - min -25 °C Ambient operating temperature - max 60 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 85 °C Climatic proofing Damp heat, cyclic, to IEC 60068-2-30 Electro magnetic compatibility

Air discharge Air/contact discharge, according to IEC/EN 61000-4-2, level 3 Burst impulse According to IEC/EN 61000-4-4, level 3 Electromagnetic compatibility According to IEC/EN 60947-6-2 Immunity to line-conducted interference Level 3 (accord...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMR6-RC690 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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