

INDUSTRIAL COMPONENT DATA

EMR6-AWN170-E-1 184768 Y7-184768 EATON ELECTRIC

Phase monitoring relays, Multi-functional, 90 170 V AC, 50/6..

Brand: EATON - MOELLER | Manufacturer Part Number: EMR6-AWN170-E-1



Manufacturer	EATON - MOELLER
MPN / Reference	EMR6-AWN170-E-1
Catalog number	Y7-184768
Category	Phase monitoring relay
Minimum order	1 Pcs
Document ID	EO-7E6229C59C
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Product Overview

Phase monitoring relays, Multi-functional, 90 - 170 V AC, 50/60 Hz

EMR6-AWN170-E-1

Eaton Moeller® series EMR6 Phase monitoring relays, Multi-functional, 90 - 170 V AC, 50/60 Hz

Phase monitoring relays, Product range: EMR Measuring and monitoring relays, Multi-functional, Power supply from the measuring circuit, On-delay/off-delay: none = 0 or adjustable between 0.1 - 30 s, Imbalance threshold values adjustable 2 - 25 % of mean value of phase voltages, Automatic phase sequence correction (can be disabled), Suitable for single-phase networks as well., Monitoring voltage per phase: UN= 90 - 170 V AC, 50/60 Hz V AC, Monitoring of: Phase sequence (can be deactivated), Phase failure, Overvoltage, Undervoltage, Imbalance, Neutral cable break, Supply voltage: 90 - 170 V AC, 50/60 Hz, Mounting position: As required , Fixing: Snap fixing, top-hat rail IEC/EN 60715, Width: 22.5 mm, Standards: IEC, UL, CSA, CCC, GL

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 Phase monitoring relay Catalog Number 184768 Model Code

EMR6-AWN170-E-1 EAN 4015081788040 Product Length/Depth 103.7 mm Product Height 85.6 mm Product Width 22.5 mm Product Weight 0.16 kg Certifications CCC

IEC

CSA

UL

GL Features & Functions

Electric connection type Screw connection Features Automatic phase sequence correction (can be disabled)

Imbalance threshold values adjustable 2 - 25 % of mean value of phase voltages Functions Over voltage detection

Under voltage detection

Multi-functional

Phase failure detection Monitoring function Neutral cable break

Phase sequence (can be deactivated)

Undervoltage

Phase imbalance monitoring

Imbalance

Phase failure

Overvoltage

Phase sequence monitoring Voltage measurement - min 90 V Voltage measurement - max 170 V General

Degree of protection Terminals: IP20

Enclosure: IP50 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 Delay time running: Yellow, flashing light

Status indication of Undervoltage: Red LED (F2 on)

Status indication of Undervoltage: F2 red, solid light

Status indication of Open neutral conductor: F1 red, solid light and F2 red, flashing light

Status indication of Phase sequence fault: Red, flashing light (F1 and F2 alternating)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMR6-AWN170-E-1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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