INDUSTRIAL COMPONENT DATA

EMD-FL-C-10 2866022 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-FL-C-10



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-FL-C-10
Catalog number	2866022
Category	Current monitoring relay
Minimum order	1 Pcs
Document ID	EO-B983721440
Generated	2026-11-18

Product Overview

Monitoring relay
Monitoring relay for 1-phase current monitoring from 0...10 A AC/DC, overcurrent/minimum current or Window, error memory, long-range power supply, 2 switched contacts
Monitoring relay for monitoring 1-phase currents of 0 … 10 A AC/DC, overcurrent/undercurrent or window, error memory, wide range power supply unit, 2 changeover contacts

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Relays

Additional Product Information

Technical dataNotesUtilization restriction
EMC note EMC: class A product, see manufacturer's declaration in the download area
Product propertiesProduct type Current monitoring relay
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Article revision 03
Insulation characteristics
Insulation Basic insulation
Overvoltage category III
Pollution degree 2
Electrical propertiesService life electrical 2x 105cycles at ohmic load, 1000 VA

Maximum power dissipation for nominal condition 1 W
Mains type 1-phase
Rated insulation voltage 300 V
Rated surge voltage 4 kV
Supply
Supply voltage range 24 V AC ... 240 V AC -15 % ... +10 %
24 V DC ... 240 V DC -20 % ... +25 %
Nominal power consumption 4.5 VA (1.5 W)
Input dataInput name Measuring input
Measured value DC, AC sine
Input current range 0 mA ... 100 mA (Connection terminals: I1 and GND)
0 A ... 1 A (Connection terminals: I2 and GND)
0 A ... 10 A (Connection terminals: I3 and GND)
Overload capacity 800 mA (at IN= 100 mA)
3 A (at IN= 1 A)
12 A (at IN= 10 A)
Input resistance current input 470 m? (at IN= 100 mA)
47 m? (at IN= 1 A)
5 m? (at IN= 10 A)
Frequency range 48 Hz ... 400 Hz
Maximum temperature coefficient < 0.1 %/K
Setting range for response delay 0.1 s ... 10 s
Setting range for starting delay 0 s ... 10 s
Min. setting range 5 % ... 95 % (from IN)
Max. setting range 10 % ... 100 % (from IN)
Function Overcurrent
Undercurrent
Window
Error memory
Basic accuracy ± 5 % (of scale end...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-FL-C-10 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.