INDUSTRIAL COMPONENT DATA

EMD-SL-C-UC-10 2867937 PHOENIX CONTACT Monitoring relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-SL-C-UC-10
Catalog number	2867937
Category	Current monitoring relay
Minimum order	1 Pcs
Document ID	EO-897E9089A2
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Product Overview

Monitoring relay
Supervisory relay for 1-phase current monitoring of 0...10 A AC/DC, minimum current, selectable supply voltage via power module, 1 switched contact
Monitoring relay for monitoring 1-phase currents of 0…10 A AC/DC, undercurrent, supply voltage can be selected via power module, 1 changeover contact

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 dataProduct propertiesProduct type Current monitoring relay
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Article revision 02
Insulation characteristics
Insulation Basic insulation
Overvoltage category III
Pollution degree 2
Electrical propertiesService life electrical 2x 105cycles at ohmic load, 1000 VA
Mains type 1-phase

Rated insulation voltage 300 V
Rated surge voltage 4 kV
Supply
Supply voltage range 24 V AC ... 230 V AC (see Power modules)
24 V DC (see Power modules)
Nominal power consumption 2 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 ... 63 Hz
Maximum temperature coefficient < 0.1 %/K
Setting range for response delay 0.2 s ... 10 s
Min. setting range 5 % ... 95 % (from IN)
Max. setting range 10 % ... 100 % (from IN)
Function Undercurrent
Basic accuracy ± 5 % (of scale end value)
Setting accuracy <= 5 % (of scale end value)
Repeat accuracy <= 2 %
Recovery time 500 ms
Output dataSwitching
Contact switching type 1 floating changeover contact
Maximum switching voltage 250 V AC (in acc. with IEC 60664-1)
Interrupting rating...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-SL-C-UC-10 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

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