INDUSTRIAL COMPONENT DATA

EMD-SL-PTC 2866093 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-SL-PTC



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-SL-PTC
Catalog number	2866093
Category	Temperature monitoring relay
Minimum order	1 Pcs
Document ID	EO-85C94ADBDB
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Product Overview

Monitoring relay
Monitoring relay for temperature monitoring of motor windings (maximum 6 PTC) with error memory, for temperature sensor according to DIN 44081, test function with integrated test/reset button, selectable supply voltage via power module, 2 switched contacts
Monitoring relay for temperature monitoring of the motor winding (maximum 6 PTC) with error memory for temperature sensors in acc. with DIN 44081, test function with integrated test/reset button, supply voltage can be selected via power module, 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 Temperature 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
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
Maximum input voltage 7.5 V DC (connection terminal blocks: T1 and T2)
Frequency range 50 Hz ... 60 Hz
Maximum temperature coefficient < 0.1 %/K
Response value >= 3.6 k? (Relay drops out)
Function Winding temperature monitoring
Basic accuracy ± 10 % (of scale end value)
Repeat accuracy <= 2 %
Total cold resistance < 1.5 k?
Release value <= 1.8 k? (Relay picks up)
Short-circuit detection < 20 ?
Voltage influence <= 1 %
Recovery time 500 ms
Control
Connection name Connection of an external reset button (floating controlled N/O contact)
Load capacity Cannot carry load
Cable length max. 10 m
Output dataSwitching
Contact switching type 2 floating changeover contacts
Maximum switching voltage 250 V AC (in acc. with IEC 60664-1)
Interrupting rating (ohmic load) max. 750 VA (3 A/2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-SL-PTC 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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