INDUSTRIAL COMPONENT DATA

EMD-BL-PTC 2906252 PHOENIX CONTACT Monitoring relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-BL-PTC
Catalog number	2906252
Category	Temperature monitoring relay
Minimum order	1 Pcs
Document ID	EO-134FD2A778
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Product Overview

Monitoring relay
Motor winding temperature monitoring (maximum 6 PTC) for temperature sensor according to DIN 44081 and DIN 44082 with short-circuit monitoring of the thermistor circuit, with screw connection.

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 Temperature monitoring relay
Number (PTC sensor) 6 (1 x 6 PTCs)
Operating mode 100% operating factor
Mechanical service life 15x 106cycles
Data management status
Article revision 00
Insulation characteristics
Overvoltage category III
Pollution degree 2
Electrical propertiesService life electrical 1x 105cycles
Rated surge voltage 4 kV
Supply
Supply voltage 230 V AC (-15 % ... +10 %)
Supply voltage range 195.5 V AC ... 253 V AC

Nominal power consumption 3.5 VA (0.5 W)
Input dataInput name Measuring input
Maximum input voltage 4 V DC (connection terminal blocks: T1 and T2)
Frequency range 50 Hz ... 60 Hz
Maximum temperature coefficient < 0.05 %/K
Response delay < 100 ms
Switch-on delay < 450 ms
Response value >= 3.6 k? (Relay drops out)
Function Winding temperature monitoring
Basic accuracy ± 10 % (of scale end value)
Total cold resistance <= 1.5 k?
Release value <= 1.6 k? (Relay picks up)
Short-circuit detection < 20 ?
Recovery time > 300 ms
Control
Reset Autoreset
Output dataSwitching
Contact switching type 1 floating changeover contact
Maximum switching voltage 250 V AC (in acc. with IEC 60947-5-1)
Interrupting rating (ohmic load) max. 1250 VA (5 A / 250 V AC)
Output fuse 5 A (fast-blow)
Connection dataConnection method Screw connection
Stripping length 8 mm
Conductor cross section rigid 0.5 mm² ... 2.5 mm²
Conductor cross section flexible 0.5 mm² ... 2.5 mm²
Conductor cross section AWG 20 ... 14
DimensionsWidth 17.5 mm
Height 89.5 m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-BL-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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