INDUSTRIAL COMPONENT DATA

EMD-BL-PTC-PT 2906253 PHOENIX CONTACT Monitoring relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-BL-PTC-PT
Catalog number	2906253
Category	Temperature monitoring relay
Minimum order	1 Pcs
Document ID	EO-52BFD5DDE8
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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 push-in 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

Key Commercial Data
Orderkey 2906253
Packing unit 1 pc
Catalog page Page 264 (C-5-2017)
GTIN 4055626053745
Weight per Piece (excluding packing) 74.300 g
Custom tariff number 85364900
Country of origin AT (Austria)
Dimensions
Width 17.5 mm
Height 88 mm
Depth 65.5 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 55 °C
Ambient temperature (storage/transport) -25 °C ... 70 °C
Input data
Maximum temperature coefficient < 0.05 %/K
Function Winding temperature monitoring
Basic accuracy ± 10 % (of scale end value)
Total cold resistance <= 1.5 k?
Response value >= 3.6 k? (Relay drops out)
Release value <= 1.6 k? (Relay picks up)
Short-circuit detection < 20 ?
Recovery time > 300 ms
Contact side
Contact type 1 floating PDT
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)
Power supply
Supply voltage 230 V AC (-15 % ... +10 %)
Supply voltage range 195.5 V AC ... 253 V AC
General
Mechanical service life 15x 106cycles
Operating mode 100% operating factor
Mounting position any
Assembly instructions on standard DIN rail NS 35 in accordance with EN 60715
Electromagnetic compatibility Conformance with EMC Directive 2014/30/EU
Overvoltage category III (IEC 60947-5-1)
Housing insulation material Polyamide PA 6.6, self-extinguishing
Color gray
Conformance CE-compliant
Connection data
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible max. 2.5 mm²
Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-BL-PTC-PT 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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