

**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-E6B4316A0A                |
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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 &gt; Industrial Relays

## Additional Product Information

Key Commercial Data

Orderkey 2906253

Packing unit 1 pc

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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  $\pm 10\%$  (of scale end value)  
Total cold resistance  $\leq 1.5\text{ k}\Omega$   
Response value  $\geq 3.6\text{ k}\Omega$  (Relay drops out)  
Release value  $\leq 1.6\text{ k}\Omega$  (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 10<sup>6</sup> cycles  
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 mm<sup>2</sup>  
Conductor cross section flexible max. 2.5 mm<sup>2</sup>  
Con...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-BL-PTC-PT with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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