PLC-BPIT- 12DC/21 - Relay base

2900444

https://www.phoenixcontact.com/us/products/2900444

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6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 12 V DC

Commercial data

Item number	2900444
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C461
Product key	CK623A
GTIN	4046356510103
Weight per piece (including packing)	30.15 g
Weight per piece (excluding packing)	27.91 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	Separating plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or FBST 500....

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area

Product properties

Product type	Relay socket
Product family	PLC-INTERFACE
Set comprises	2900316 PLC-RPT- 12DC/21
	2900317 PLC-RPT- 12DC/21AU
Application	Universal
Operating mode	100% operating factor

Electrical properties

Protective circuit	Damping diode, polarity protection diode

Input data

Nominal input voltage U_N	12 V DC
Protective circuit	Freewheeling diode

Connection data

Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section rigid	0.14 mm² ... 2.5 mm²
Conductor cross section flexible	0.14 mm² ... 2.5 mm²
	0.2 mm² ... 2.5 mm² (Single ferrule)
	2x 0.5 mm² ... 1 mm² (TWIN ferrule)
Conductor cross section AWG	26 ... 14

Signaling

Status display	LED

Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

Material specifications

Color	gray (RAL 7042)

| Flammability rating according to UL 94 | V0 (Housing) |

Environmental and real-life conditions

Ambient conditions

| Ambient temperature (operation) | -40 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

Approvals

CE

| Certificate | CE-compliant |

UKCA

| Certificate | UKCA-compliant |

Shipbuilding approval

| Certificate | TAE0000196 |

Corrosive gas test

| Identification | ISA-S71.04. G3 Harsh Group |
| | EN 60068-2-60 |

DNV GL data

Temperature	D
Humidity	A
Vibration	B/C
EMC	B
Enclosure	Required protection according to the Rules shall be provided upon installation on board

EMC data

| Low Voltage Directive | Conformance with Low Voltage Directive |
| Electromagnetic compatibility | Conformance with EMC directive |

Mounting

| Mounting type | DIN rail mounting |
| Mounting position | any |