

Relay base - PLC-BPT-120UC/ 1/SEN/SO46 - 2900456

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6.2 mm PLC basic terminal block with interference current and interference voltage protection on the control side, with push-in connection, without relay or solid-state relay, with sensor supply voltage distribution (BB), 1 N/O contact, input voltage 120 V AC

Why buy this product

- Resistant to interference currents
- High relay release voltage



Key Commercial Data

Packing unit	10 STK
GTIN	 4 046356 507769
GTIN	4046356507769

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Input data

Input voltage range in reference to U_N	0.8 ... 1.4
Typical release voltage	50 V AC
Nominal input voltage U_N	120 V AC

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Technical data

Input data

Input voltage range in reference to U_N	0.85 ... 1.1
Status display	LED
Protective circuit	Bridge rectifier Bridge rectifier
	RCZ filter RCZ filter

Output data

Compatible components	Miniature relay, REL-MR-60DC/21AU, REL-MR-60DC/21; miniature optocoupler, OPT-60DC/48DC/100, OPT-60DC/24DC/2, OPT-60DC/230AC/1
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Connection data, input side

Connection name	Input side
Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² ()
	2x 0.5 mm ² ... 1 mm ² ()
Conductor cross section AWG	26 ... 14

Connection data, output side

Connection name	Output side
Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² ()
	2x 0.5 mm ² ... 1 mm ² ()
Conductor cross section AWG	26 ... 14

General

Protective circuit	Bridge rectifier Bridge rectifier
	RCZ filter RCZ filter
Color	green
Operating mode	100% operating factor
Mounting position	any
Assembly instructions	In rows with zero spacing

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
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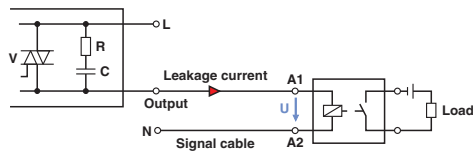
Technical data

Environmental Product Compliance

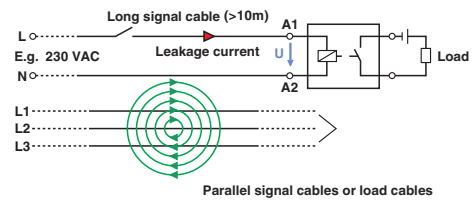
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Drawings

Application drawing



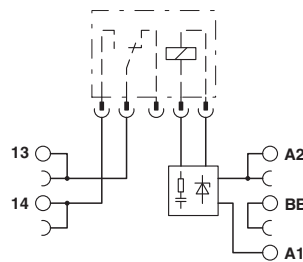
Application drawing



Occurrence of interference signals
Scenario 1: controller - AC output card

Occurrence of interference signals
Scenario 2: long signal cables

Circuit diagram



Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / DNV GL / cULus Recognized


Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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EAC			RU C- DE.A*30.B.01082
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DNV GL		http://exchange.dnv.com/tari/	TAE0000196-01
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	
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