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PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 230 V AC/220 V DC, output: 3 - 48 V DC/100 mA

#### **Product Features**

- Slim design
- Efficient connection to system cabling using V8 adapter
- RT III sealed solid-state relay
- High switching power
- Functional plug-in bridges
- Integrated input circuit
- Zero voltage switch at AC output



### **Key Commercial Data**

Packing unit	1 pc
Weight per Piece (excluding packing)	32.2 g
Custom tariff number	85364900
Country of origin	Germany

#### 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
ſ	Height	80 mm
Γ	Depth	94 mm



## Technical data

#### Ambient conditions

Ambient temperature (operation)	-25 °C 60 °C
Ambient temperature (storage/transport)	-25 °C 70 °C

### Input data

Nominal input voltage U <sub>N</sub>	230 V AC (220 V DC)
	220 V DC
Input voltage range in reference to U <sub>N</sub>	0.9 1.1
Switching threshold "0" signal in reference to $U_N$	≤ 0.3
Switching threshold "1" signal in reference to $U_N$	≥ 0.8
Typical input current at U <sub>N</sub>	3.5 mA
Typical response time	3 ms (at U <sub>N</sub> )
Typical turn-off time	5 ms (at U <sub>N</sub> )
Type of protection	Bridge rectifier
Protective circuit/component	Bridge rectifier
Transmission frequency	10 Hz

### Output data

Output voltage range	3 V DC 48 V DC
Limiting continuous current	100 mA
Voltage drop at max. limiting continuous current	≤ 1 V
Output circuit	2-wire, floating
Type of protection	Protection against polarity reversal
	Surge protection
Protective circuit/component	Polarity protection diode

### Connection data, input side

Connection name	Input side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm² 2.5 mm²
Conductor cross section flexible	0.14 mm² 2.5 mm²
Conductor cross section AWG	26 14

### Connection data, output side

Connection name	Output side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm² 2.5 mm²
Conductor cross section flexible	0.14 mm² 2.5 mm²



## Technical data

### Connection data, output side

Conductor cross section AWG 26 14	
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#### General

Test voltage input/output	2.5 kV (50 Hz, 1 min.)
Mounting position	any
Assembly instructions	In rows with zero spacing
Operating mode	100% operating factor
Flammability rating according to UL 94	V0
Degree of pollution	2
Overvoltage category	III

### Standards and Regulations

Standard designation	Standards/regulations
Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

### Classifications

#### eCl@ss

eCl@ss 4.0	27371001
eCl@ss 4.1	27371001
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371604

#### **ETIM**

ETIM 3.0	EC001504
ETIM 4.0	EC001504
ETIM 5.0	EC001504

### **UNSPSC**

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121542
UNSPSC 11	39121542



## Classifications

#### **UNSPSC**

EAC

UNSPSC 12.01	39121542			
UNSPSC 13.2	39121542			
Approvals				
Approvals				
Approvals				
UL Recognized / UL Listed / cUL Recognized / cUL Listed / GL / EAC / EAC / cULus Recognized / cULus Listed				
Ex Approvals				
Approvals submitted				
Approval details				
UL Recognized <b>5</b>				
UL Listed (UL)				
cUL Recognized				
cUL Listed • • • • • • • • • • • • • • • • • • •				
GL				

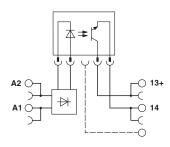


## Approvals

EAC		
cULus Recognized • Sus		
400.000		
cULus Listed • 🖤 😘		

## Drawings

#### Circuit diagram



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