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PLC-INTERFACE, consisting of PLC-BSC.../21 basic terminal block with screw connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 120 V AC/110 V DC, output: 3 - 48 V DC/100 mA

The illustration shows the version PLC-BSC- 24DC/21

Product Features

- Efficient connection to system cabling using V8 adapter
- ☑ RT III sealed solid-state relay
- Integrated input circuit





Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 130572
Weight per Piece (excluding packing)	33.86 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

Dimensions



Technical data

Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

Ambient conditions

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

Input data

Nominal input voltage U _N	120 V AC (110 V DC)
	110 V DC
Input voltage range in reference to U_N	0.9 1.1
Switching threshold "0" signal in reference to U _N	≤ 0.3
Switching threshold "1" signal in reference to U _N	≥ 0.9
Typical input current at U _N	3.5 mA
Typical response time	3 ms (at U _N)
Typical turn-off time	4 ms (at U _N)
Operating voltage display	Yellow LED
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	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.14 mm² 2.5 mm²
Conductor cross section flexible	0.14 mm² 2.5 mm²
AWG conductor cross section	26 14



Technical data

Connection data, output side

Connection name	Output side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.14 mm² 2.5 mm²
Conductor cross section flexible	0.14 mm² 2.5 mm²
AWG conductor cross section	26 14

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
Inflammability class according to UL 94	V0
Designation	Standards/regulations
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage/insulation	Basic insulation
Pollution degree	2
Surge voltage category	III

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
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 2.0	EC001504
ETIM 3.0	EC001504
ETIM 4.0	EC001504
ETIM 5.0	EC001504



Classifications

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121542
UNSPSC 11	39121542
UNSPSC 12.01	39121542
UNSPSC 13.2	39121542

UNSPSC 12.01	39121542
UNSPSC 13.2	39121542
Approvals	
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UL Recognized A	
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cUL Recognized • SU	
cUL Listed ***(IL)	

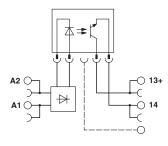


Approvals

GL
EAC
EAC
cULus Recognized CRUs
cULus Listed [®]

Drawings

Circuit diagram



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