

PLC-BSC-120UC/21HC/SO46 - Relay base



2980432

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14 mm PLC basic terminal block with protection against interference currents/voltages on the control side, with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, for high continuous currents, 1 changeover contact, input voltage 120 V AC

Your advantages

- High relay release voltage
- Resistant to interference currents

Commercial Data

Item number	2980432
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	C461
Product Key	CK6211
Catalog Page	Page 389 (C-5-2019)
GTIN	4017918921224
Weight per Piece (including packing)	66.5 g
Weight per Piece (excluding packing)	58.88 g
Customs tariff number	85366990
Country of origin	DE

Technical Data

Notes

Utilization restriction

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

Product type	Relay socket
Product family	PLC-INTERFACE
Application	Filter to prevent interference
Operating mode	100% operating factor
Compatible components	Miniature relay, REL-MR-110DC/21HC

Insulation characteristics

Pollution degree	3
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Electrical properties

Protective circuit	Bridge rectifier; Bridge rectifier
	RCZ filter; RCZ filter

Input data

Nominal input voltage U_N	120 V AC
Input voltage range in reference to U_N	0.85 ... 1.4 (at 20 °C)
Typical input current at U_N	8.5 mA
Typical response time	7 ms
Typical release time	10 ms

Relay assembly

Nominal input voltage U_N	120 V AC
Input voltage range in reference to U_N	0.85 ... 1.4
Typical input current at U_N	6 mA (50 Hz)
	7 mA (60 Hz)
Typical response time	7 ms
Typical release time	20 ms
Typical release voltage	16 V AC
Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier; Bridge rectifier
	Filter; Filter

Optocoupler assembly

Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier; Bridge rectifier
	Filter; Filter

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Output data

Compatible components	Miniature relay, REL-MR-110DC/21HC
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Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	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 (Single ferrule)
	2x 0.5 mm ² ... 1.5 mm ² (TWIN ferrule)
Conductor cross section AWG	26 ... 14
Tightening torque	0.6 Nm ... 0.8 Nm

Signaling

Status display	LED
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Dimensions

Width	14 mm
Height	80 mm
Depth	94 mm

Material specifications

Flammability rating according to UL 94	V0 (Housing)
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Environmental and real-life conditions

Ambient conditions

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

Approvals

Corrosive gas test

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

Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

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