

## Relay Module - PLC-RSC-120UC/1/SEN/SO46 - 5603595

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PLC-INTERFACE for input functions, consisting of PLC-BSC.../SEN basic terminal block with screw connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 120 V AC/110 V DC

### Product Features

- ✓ Time savings of up to 60 %
- ✓ No need for additional modular terminal blocks
- ✓ Efficient connection to system cabling using V8 adapter
- ✓ Relay modules with safe isolation according to DIN EN 50178 between coil and contact
- ✓ Space savings of up to 80 %
- ✓ Sensor connected directly to relay module
- ✓ Functional plug-in bridges



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	40.0 GRM
Custom tariff number	85364190
Country of origin	Germany

### Technical data

#### Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

#### Ambient conditions

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

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### Technical data

#### Coil side

Nominal input voltage $U_N$	120 V AC
	110 V DC
Typical input current at $U_N$	3.5 mA
Typical response time	6 ms
Typical release time	15 ms
Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier

#### Contact side

Contact type	1 N/O contact
Contact material	AgSnO
Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A

#### General

Operating mode	100% operating factor
Mechanical service life	$2 \times 10^7$ cycles
Inflammability class according to UL 94	V0
Designation	Standards/regulations
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Pollution degree	3
Surge voltage category	III
Assembly instructions	In rows with zero spacing

#### Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil max	14
Conductor cross section AWG/kcmil min.	26
Screw thread	M 3

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### 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	27371001

#### 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
UNSPSC 12.01	39121542
UNSPSC 13.2	39121542