

# Relay Module - PLC-RPT- 12DC/21-21

2900329

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PLC-INTERFACE, consisting of PLC-BPT.../21-21 basic terminal block with Push-in connection and plug-in miniature relay with power contact, for mounting on DIN rail NS 35/7,5, 2 changeover contacts, input voltage 12 V DC

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## Your advantages

- Slim design
- Efficient connection to system cabling using V8 adapter
- Safe isolation according to DIN EN 50178 between coil and contact
- RT III sealed relay
- Functional plug-in bridges
- Integrated input circuit and interference suppression circuit

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## Commercial Data

Order Key	2900329
Packing unit	10 pc
Minimum order quantity	10 pc
Sales Key	CK6
Catalog Page	Page 366 (C-5-2019)
GTIN	4046356507196
Weight per Piece (including packing)	71.0 GRM
Weight per Piece (excluding packing)	63.0 GRM
Customs tariff number	85364900
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

Set consists of	2900282 PLC-BPT- 12DC/21-21 2961257 REL-MR- 12DC/21-21
Application	Universal
Operating mode	100% operating factor
Mechanical service life	3x 10 <sup>7</sup> cycles

#### Insulation characteristics

Overvoltage category	III
Pollution degree	3
Insulation	Safe isolation of input/output

### Electrical properties

Maximum power dissipation for nominal condition	0.4 W
Rated surge voltage	6 kV

### Input data

#### Coil side

Nominal input voltage $U_N$	12 V DC
Input voltage range	10.3 V DC ... 16.8 V DC (20 °C)
Typical input current at $U_N$	33 mA
Typical response time	8 ms
Typical release time	10 ms
Protective circuit	Reverse polarity protection; Polarity protection diode Free-wheeling diode; Damping diode
Operating voltage display	Yellow LED

### Output data

#### Switching

Contact type	2 changeover contacts
Type of switch contact	Single contact
Drive and function	monostable
Contact material	AgNi
Maximum switching voltage	250 V AC/DC (The separating plate PLC-ATP should be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then