

## Relay Module - PLC-RPT- 24DC/2X21/FG - 2910537

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PLC-INTERFACE, consisting of a relay base and pluggable safety relay with force-guided contacts in accordance with DIN EN 50205, Push-in connection, 2 changeover contacts, forcibly actuated, Input voltage: 24 V DC

### Product Description

The force-guided coupling relay module is approved for industrial control equipment in accordance with UL 508 (cULus listed). The requirements for Type A in accordance with DIN EN 50205 are satisfied if the circuit is designed as 1 N/O contact / 1 N/C contact.

### Key Commercial Data

Packing unit	10 STK
GTIN	 4 055626 486055
GTIN	4055626486055
Weight per Piece (excluding packing)	64.000 g
Custom tariff number	85364190
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	14 mm
Height	80 mm
Depth	104 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C

#### Coil side

Nominal input voltage $U_N$	24 V DC
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## Technical data

### Coil side

Input voltage range in reference to $U_N$	see diagram
Typical input current at $U_N$	30 mA
Typical response time	10 ms
Typical release time	10 ms
Coil voltage	24 V DC
Protective circuit	Damping diode
Operating voltage display	Yellow LED

### Contact side

Contact type	2 changeover contacts, forcibly actuated
Type of switch contact	Single contact
Contact material	AgNi
Force-guided contacts in accordance with EN 50205	Type B
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V (10 mA)
Min. switching current	10 mA (5 V)
Maximum inrush current	6 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	144 W (24 V DC)
	288 W (48 V DC)
	88 W (110 V DC)
	110 W (220 V DC)
	1500 VA (250 V AC)
Switching capacity min.	150 mW
Switching capacity in acc. with DIN VDE 0660/IEC 60947	3 A (24 V, DC13)
	3 A (230 V, AC15)

### Connection data input side

Connection name	Coil side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> ( )
	2x 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup> ( )
Conductor cross section AWG	26 ... 14

### Connection data output side

Connection name	Contact side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>