

# PLC-RPT- 24DC/ 1AU/SEN


Order No.: 2900313



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=2900313>

PLC sensor interface, consisting of PLC-BPIT...SEN basic terminal block with Push-In Technology and plug-in miniature relay with multi-layer contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 24 V DC



Commercial data	
EAN	4 046356 510011 
Pack	10
Customs tariff	85364190
Country of Origin	DE
Catalog page information	Page 90 (IF-2011)

### Product notes

WEEE/RoHS-compliant since: 08/04/2009



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Coil side

Nominal input voltage $U_N$	24 V DC
Nominal input current at $U_{IN}$	9 mA
Typical response time	5 ms
Typical release time	8 ms

Operating voltage display	Yellow LED
Protective circuit	Protection against polarity reversal Polarity protection diode
	Free-wheeling diode Damping diode

**Contact side**

Contact type	Single contact, 1 N/O contact
Contact material	AgSnO, hard gold-plated
Maximum switching voltage	30 V AC
	36 V DC
Minimum switching voltage	100 mV (at 10 mA)
Maximum inrush current	50 mA
Min. switching current	1 mA (at 24 V)
Limiting continuous current	50 mA
Interrupting rating (ohmic load) max.	1.2 W (at 24 V DC)
Note	<b>the following values are applicable if a gold layer is destroyed</b>
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V (at 100 mA)
Limiting continuous current	6 A
Min. switching current	10 mA (at 12 V)
Interrupting rating (ohmic load) max.	140 W (at 24 V DC)
	20 W (for 48 V DC)
	18 W (for 60 V DC)
	23 W (for 110 V DC)
	40 W (for 220 V DC)
	1500 VA (for 250 V AC)

**General data**

Width	6.2 mm
Height	80 mm
Depth	94 mm
Test voltage relay winding/relay contact	4 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Operating mode	100% operating factor
Mechanical service life	2 x 10 <sup>7</sup> cycles
Inflammability class according to UL 94	V0