

PLC-RPIT- 24UC/21AU/RW

Order No.: 2900321


The illustration shows the version PLC-RSP-24UC/21/RW



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=2900321>

6.2 mm PLC complete relay module with Push-In connection for railway applications, nominal input voltage 24 V DC, range: $0.7 \times U_N$ to $1.25 \times U_N$, temperature class TX: -40°C to $+70^\circ\text{C}$. In accordance with EN 50155, EN 50178, EN 61373, EN 50121 and IEC 62103.



Commercial data	
EAN	4 046356 510042 
Pack	10
Customs tariff	85364190
Country of Origin	DE
Catalog page information	Page 120 (IF-2011)

Product notes

WEEE/RoHS-compliant since: 22/11/2010



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
Input voltage range in reference to U_N	0.7 ... 1.25
Nominal input current at U_{IN}	5.1 mA
Typical response time	8 ms

Typical release time	11 ms
Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier Bridge rectifier
	Free-wheeling diode Damping diode
	Surge protection
	RCZ filter
	Wide-range electronics

Contact side

Contact type	Single contact, 1-PDT
Contact material	AgSnO, hard gold-plated
Maximum switching voltage	30 V AC
	36 V DC
Minimum switching voltage	100 mV
Maximum inrush current	50 mA
Min. switching current	1 mA
Limiting continuous current	50 mA
Interrupting rating (ohmic load) max.	1.2 W (at 24 V DC)
Note	the following values are applicable if a gold layer is destroyed
Maximum switching voltage	250 V AC/DC (Separating plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules.)
Minimum switching voltage	12 V AC/DC
Limiting continuous current	6 A
Min. switching current	10 mA
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 _{rms} (50 Hz, 1 min.)