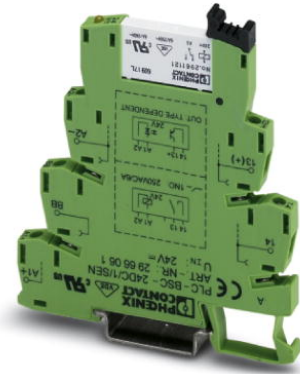


PLC-RSP- 24DC/ 1/SEN

This product has been replaced by a newer version.

Order No.: 2967361



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2967361>

PLC sensor relay, consisting of base terminal block PLC-BSP...SEN with spring-cage connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 1 N/O contact, input voltage 24 V DC

Commercial data

EAN	4017918165215
Pack	10 pcs.
Customs tariff	85364900
Weight/Piece	0.03165 KG

<http://www.download.phoenixcontact.com>
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. 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	Yes
Protective circuit/component	Damping diode, polarity protection diode

Contact side

Contact type	Single contact, 1 N/O contact
Contact material	AgSnO

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 carried out with FBST 8-PLC... or ...FBST 500...)
Minimum switching voltage	12 V AC/DC
Maximum inrush current	(on request)
Min. switching current	10 mA
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	140 W (for 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	94 mm
Depth	80 mm
Test voltage relay winding/relay contact	4 kV AC (50 Hz, 1 min)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Operating mode	100% operating factor
Service life mechanical	2 x 10 ⁷ cycles
Inflammability class in acc. with UL 94 (housing)	V0
Standard designation	Standards/regulations
Standards/regulations	IEC 60664
	IEC 60664 A
	DIN VDE 0110
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
	IEC 60255/DIN VDE 0435 (in relevant parts)
	DIN EN 50178/VDE 0160
Pollution degree	3
Surge voltage category	III
Mounting position	Any
Assembly instructions	In rows with zero spacing

Connection data

Type of connection	Spring-cage connection
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm

Certificates / Approvals



CUL

Comments	Input
Nominal voltage U _N	24 V
AWG/kcmil	26-12
Comments	Output
Nominal voltage U _N	250 V
Nominal current I _N	6 A
AWG/kcmil	26-12

UL

Comments	Input
Nominal voltage U _N	24 V
AWG/kcmil	26-12
Comments	Output
Nominal voltage U _N	250 V
Nominal current I _N	6 A
AWG/kcmil	26-12

Accessories

Item	Designation	Description
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Bridges

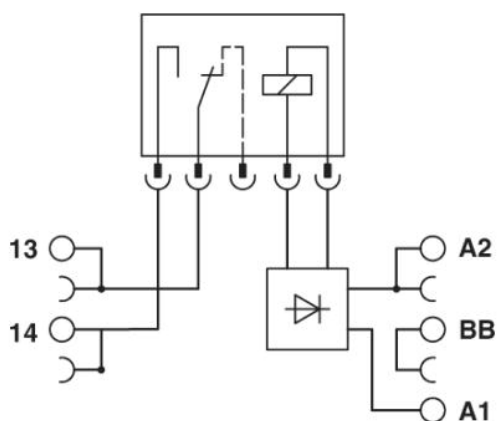
2966812	FBST 6-PLC BU	Single plug-in bridges, Length: 6 mm, Number of positions: 2, Color: blue
2966825	FBST 6-PLC GY	Single plug-in bridges, Length: 6 mm, Number of positions: 2, Color: gray
2966236	FBST 6-PLC RD	Single plug-in bridges, Length: 6 mm, Number of positions: 2, Color: red
2967688	FBST 8-PLC GY	Single plug-in bridges, Length: 8 mm, Number of positions: 2, Color: gray
2967691	FBST 14-PLC BK	Single plug-in bridges, Length: 14 mm, Number of positions: 2, Color: black
2966692	FBST 500-PLC BU	Continuous plug-in bridge, Length: 500 mm, Color: blue
2966838	FBST 500-PLC GY	Continuous plug-in bridge, Length: 500 mm, Color: gray
2966786	FBST 500-PLC RD	Continuous plug-in bridge, Length: 500 mm, Color: red

Marking

1007248	SBS10:UNBEDRUCKT	Marker cards, unprinted, for individual labeling with the M-PEN, 250-section, perforated, white plastic
1050499	ZB 6:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Drawings

Circuit diagram



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