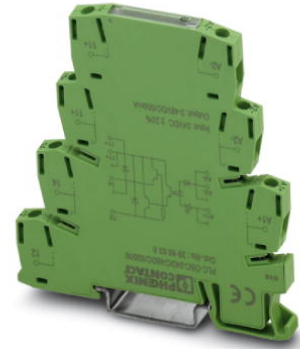


PLC-OSC- 24DC/ 48DC/500/W

Order No.: 2980636



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2980636>


PLC electronic PDT, integrated optocoupler, with screw connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3 - 48 V DC/500 mA



Commercial data	
EAN	4046356051378
Pack	10 Pcs.
Customs tariff	85364190
Weight/Piece	0.03531 KG
Catalog page information	Page 89 (IF-2007)

Product notes

WEEE/RoHS-compliant since:
08/28/2006



<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	
Input data	
Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.2
Switching threshold "0" signal in reference to U_N	≤ 0.4

Switching threshold "1" signal in reference to U_N	≥ 0.8
Typical input current at U_N	3 mA
Typical response time	0.03 ms
Typical turn-off time	0.15 ms
Operating voltage display	Yellow LED
Name of protection	Polarity protection Surge protection
Protective circuit/component	Polarity protection diode
Transmission frequency	1000 Hz

Output data

Output nominal voltage range	3 V DC ... 48 V DC
Limiting continuous current	500 mA (see derating curve)
Min. load current	30 mA
Voltage drop at max. limiting continuous current	< 1.2 mV
Output circuit	2-conductor floating
Name of protection	Polarity protection Surge protection
Protective circuit/component	Polarity protection diode

Connection data

Type of connection	Screw connection
Stripping length	8 mm
Screw thread	M3
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

General data

Length	80 mm
Width	6.2 mm
Height	86 mm
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

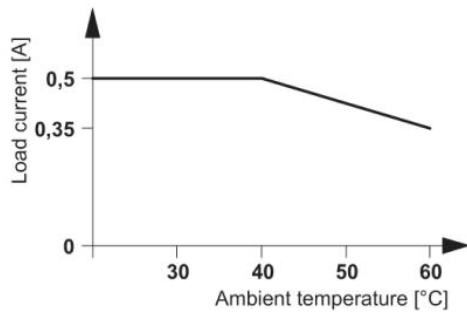
Mounting position	Any
Assembly instructions	In rows with zero spacing
Operating mode	100% operating factor
Inflammability class in acc. with UL 94 (housing)	V0
Pollution degree	2
Surge voltage category	III

Certificates / Approvals

Certifications applied for: UL Listed / CUL Listed

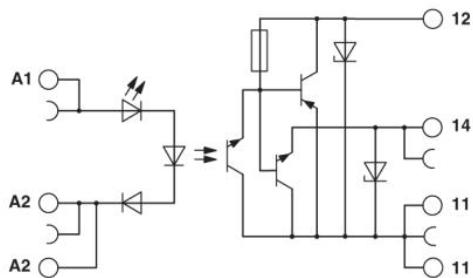
Drawings

Diagram



The illustration shows the derating curve for PLC-...24DC/48DC/500/W

Circuit diagram



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