INDUSTRIAL COMPONENT DATA

PLC-OSC- 12DC/300DC/ 1 2980665 PHOENIX CONTACT PLC-INTERFACE, integrated solid-state relay, with screw conne..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-12DC/300DC/ 1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-12DC/300DC/ 1
Catalog number	2980665
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-EE81D93823
Generated	2026-11-18

Product Overview

PLC-INTERFACE, integrated solid-state relay, with screw connection, for mounting on NS 35/7,5 DIN rails, input: 12 V DC, output: 12 - 300 V DC/1 A
PLC INTERFACE, integrated solid-state relay, screw connection, for installation on NS 35/7.5 symmetrical rail, input: 12 V DC, output: 12-300 V DC/1 A

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Relays

Additional Product Information

Dimensions
Width 6.2 mm
Height 80 mm
Depth 86 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 60 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Input data
Nominal input voltage UN 12 V DC
Input voltage range in reference to UN 0.8 ... 1.2

Switching threshold "0" signal in reference to UN <= 0.4
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 6 mA
Typical response time 0.3 ms
Typical turn-off time 0.8 ms
Operating voltage display Yellow LED
Type of protection Protection against polarity reversal
Surge protection
Protective circuit/component Polarity protection diode
Varistor
Transmission frequency 50 Hz
Output data
Designation Output data
Output voltage range 12 V DC ... 300 V DC (Partition plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal points in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...)
Limiting continuous current 1 A (see derating curve)
Voltage drop at max. limiting continuous current < 500 mV
Type of protection Protection against polarity reversal
Surge protection
Protective circuit/component Polarity protection diode
Varistor
Connection data, input side
Connection name Input side
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Conductor cross section solid 0.14 mm² ... 2.5 mm²
Conductor cross section flexible 0.14 mm² ... 2.5 mm²
Conductor cross section AWG 26 ... 14
General....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-12DC/300DC/ 1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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