INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/300DC/ 1 2980678 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/300DC/ 1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/300DC/ 1
Catalog number	2980678
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-CD6CFE0EF2
Generated	2026-11-18

Product Overview

Solid-state relay module
PLC INTERFACE, integrated solid-state relay, screw connection, for installation on NS 35/7.5 symmetrical rail, input: 24 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

Key Commercial Data
Orderkey 2980678
Packing unit 10 pc
Catalog page Page 406 (C-5-2017)
GTIN 4046356051415
Weight per Piece (excluding packing) 36.530 g
Custom tariff number 85364900
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
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 24 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 19.2 V DC ... 28.8 V DC
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 8 mA
Typical response time 0.3 ms
Typical turn-off time 0.7 ms
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Varistor
Transmission frequency 50 Hz
Power dissipation for nominal condition 0.19 W
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 protecti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/300DC/ 1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.