INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/230AC/ 2/ACT 2982760 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/230AC/ 2/ACT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/230AC/ 2/ACT
Catalog number	2982760
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-8BEF8610C6
Generated	2026-11-18

Product Overview

Solid-state relay module
PLC-INTERFACE for output functions, consisting of PLC-BSC.../ACT base terminal block with screw connection and plug-in miniature solid-state relay, for mounting on NS 35/7.5 rail, 1 closing contact, input: 24 V DC, output: 24-253 V AC/2 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 2982760
Packing unit 10 pc
Catalog page Page 382 (C-5-2017)
GTIN 4046356342612
Weight per Piece (excluding packing) 72.100 g
Custom tariff number 85364190
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 14 mm
Height 80 mm

Depth 94 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C
Ambient temperature (storage/transport) -25 °C ... 70 °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 9 mA
Typical response time 10 ms
Typical turn-off time 10 ms
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Free-wheeling diode
Protective circuit/component Polarity protection diode
Damping diode
Transmission frequency 10 Hz
Power dissipation for nominal condition 0.22 W
Output data
Output nominal voltage 230 V AC
Output voltage range 24 V AC ... 253 V AC
Limiting continuous current 2 A (see derating curve)
Maximum inrush current 30 A (10 ms)
Min. load current 25 mA
Leakage current typ. 1 mA
Surge current 30 A (tp = 10 ms)
Max. load value 4 A2s (tp = 10 ms, at 25 °C)
Peak offstate voltage 600 V
Voltage drop at max. limiting continuous current <= 1 V
Output circuit 2-conductor floatin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/230AC/ 2/ACT 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

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.