INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/ 24DC/ 5/ACT 2982786 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/ 24DC/ 5/ACT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/ 24DC/ 5/ACT
Catalog number	2982786
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-78F1346F3E
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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: 3 ... 33 V DC/5 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

Technical dataProduct propertiesProduct type Solid-state relay module
Product family PLC-INTERFACE
Application Output function
Operating mode 100% operating factor
Data management status
Date of last data management 07.05.2024
Article revision 04
Insulation characteristics: Standards/regulations
Insulation Basic insulation
Overvoltage category III
Pollution degree 2
Electrical propertiesMaximum power dissipation for nominal condition 0.22 W
Test voltage (Input/output) 2.5 kV (50 Hz, 1 min., input/output)

Input dataNominal input voltage UN 24 V DC
Nominal voltage (plugged-in solid-state relay) 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, voltage < 10.7 V
Switching threshold "1" signal voltage > 16.7 V
Typical input current at UN 9 mA
Typical response time 20 µs
Typical turn-off time 400 µs
Operating voltage display Yellow LED
Protective circuit Reverse polarity protection; Polarity protection diode
Freewheeling diode; Freewheeling diode
Transmission frequency 300 Hz
Output dataContact switching type 1 N/O contact
Design of digital output electronic
Output nominal voltage 24 V DC
Output voltage range 3 V DC ... 33 V DC
Limiting continuous current 5 A (see derating curve)
Maximum inrush current 15 A (10 ms)
Surge voltage protection > 33 V DC
Voltage drop at max. limiting continuous current <= 200 mV
Output circuit 2-conductor, floating
Protective circuit Reverse polarity protection; Polarit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/ 24DC/ 5/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

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