INDUSTRIAL COMPONENT DATA

PLC-OSC- 5DC/ 24DC/ 2/ACT 2980144 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-5DC/ 24DC/ 2/ACT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-5DC/ 24DC/ 2/ACT
Catalog number	2980144
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-7381E2A620
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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 NS 35/7.5 rail mounting, 1 closing contact, input: 5 V DC, output: 3-33 V DC/3 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 2980144
Packing unit 10 pc
Catalog page Page 380 (C-5-2017)
GTIN 4017918727499
Weight per Piece (excluding packing) 35.740 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 94 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 60 °C
Ambient temperature (storage/transport) -25 °C ... 70 °C
Input data
Nominal input voltage UN 5 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 4 V DC ... 6 V DC
Switching threshold "0" signal in reference to UN <= 0.25
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 9.5 mA
Typical response time 20 µs (at UN)
Typical turn-off time 300 µs (at UN)
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Free-wheeling diode
Protective circuit/component Polarity protection diode
Damping diode
Transmission frequency 300 Hz
Power dissipation for nominal condition 0.05 W
Output data
Output voltage range 3 V DC ... 33 V DC
Limiting continuous current 3 A (see derating curve)
Maximum inrush current 15 A (10 ms)
Voltage drop at max. limiting continuous current <= 200 mV
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Connection data 1
Connection name Input side
Connectio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-5DC/ 24DC/ 2/ACT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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