

INDUSTRIAL COMPONENT DATA

PLC-OPT- 24DC/110DC/3RW 2900391 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-24DC/110DC/3RW



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-24DC/110DC/3RW
Catalog number	2900391
Category	Optocoupler
Minimum order	1 Pcs
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Product Overview

Solid-state relay module

PLC-INTERFACE for railway applications, consisting of base terminal block with push-in connection and integrated miniature solid-state relay, range: 0.7 x UN to 1.25 x UN, temperature range: -25 °C to +70 °C, 1 closing contact, input: 24 V DC, output: 12-140 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
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Additional Product Information

Key Commercial Data

Orderkey 2900391

Packing unit 10 pc

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GTIN 4046356508964

Weight per Piece (excluding packing) 31.200 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 6.2 mm

Height 80 mm

Depth 86 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Degree of protection IP20

Input data

Nominal input voltage UN 24 V DC

Input voltage range in reference to UN 0.7 ... 1.25 ($t < 1 \text{ s} = 0.6 \dots 1.4 \times \text{UN}$)

Input voltage range 16.8 V DC ... 30 V DC

Switching threshold "0" signal in reference to UN < 0.4

Switching threshold "1" signal in reference to UN > 0.6

Typical input current at UN 12 mA

Typical response time 400 μs

Typical turn-off time 200 μs

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Series polarity protection diode

Surge voltage protection $> 150 \text{ V}$

Transmission frequency 50 Hz

Power dissipation for nominal condition 0.29 W

Output data

Output nominal voltage 110 V DC

Output voltage range 12 V DC ... 140 V DC ($t < 1 \text{ s} = 1.40 \times \text{UN}$)

Limiting continuous current 3 A (see derating curve)

Surge voltage protection $> 150 \text{ V}$

Voltage drop at max. limiting continuous current $< 150 \text{ mV}$

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge p...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/110DC/3RW with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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