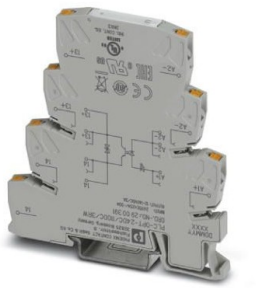
INDUSTRIAL COMPONENT DATA

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
Document ID	EO-CB9CBA4577
Generated	2026-11-18

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

Additional Product Information

Key Commercial Data
Orderkey 2900391
Packing unit 10 pc
Catalog page Page 415 (C-5-2017)
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 s = 0.6 ... 1.4 x 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 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 s = 1.40 x UN)
Limiting continuous current 3 A (see derating curve)
Surge voltage protection > 150 V
Voltage drop at max. limiting continuous current < 150 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

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.