

INDUSTRIAL COMPONENT DATA

RIF-0-OPT-24DC/48DC/100 2905294 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-0-OPT-24DC/48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-0-OPT-24DC/48DC/100
Catalog number	2905294
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-3DBC9ABC2A
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Product Overview

Solid-state relay module

Pre-assembled solid-state relay module with push-in connection, consisting of: relay socket with ejector and plug-in miniature solid-state relay. Input voltage: 24 V DC. Output: 3-48 V DC/100 mA

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 2905294

Packing unit 10 pc

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GTIN 4046356945424

Weight per Piece (excluding packing) 23.440 g

Custom tariff number 85364110

Country of origin HU (Hungary)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 6.2 mm

Height 93 mm

Depth 66 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

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

Degree of protection IP20

Input data

Input voltage range 19.2 V DC ... 28.8 V DC

Rated actuating voltage UC 24 V DC

"0" signal switching threshold in reference to UC < 0.4

"1" signal switching threshold in reference to UC > 0.8

Typical response time 20 µs

Typical turn-off time 300 µs

Status display Yellow LED

Type of protection Free-wheeling diode

Transmission frequency 300 Hz

Power dissipation for nominal condition 0.2 W

Output data

Output voltage range 3 V DC ... 48 V DC

Limiting continuous current 100 mA

Surge voltage protection > 56 V

Voltage drop at max. limiting continuous current < 1 V

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge protection

Connection data 1

Connection name Input side

Connection method Push-in connection

Stripping length 8 mm

Conductor cross section solid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

0.14 mm² ... 1.5 mm² (Ferrule with plastic sleeve)

Conductor cross section AWG 24 ... 16

Connection da...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-0-OPT-24DC/48DC/100 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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