

INDUSTRIAL COMPONENT DATA

RIF-0-OPT-24DC/230AC/1 2905295 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-0-OPT-24DC/230AC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-0-OPT-24DC/230AC/1
Catalog number	2905295
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-E9FDABA7EA
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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: 24-253 V AC/0.75 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 2905295

Packing unit 10 pc

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GTIN 4046356945431

Weight per Piece (excluding packing) 24.000 g

Custom tariff number 85364110

Country of origin JP (Japan)

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 10 ms

Typical turn-off time 10 ms

Status display Yellow LED

Type of protection Free-wheeling diode

Transmission frequency 10 Hz

Power dissipation for nominal condition 0.19 W

Output data

Output voltage range 24 V AC ... 253 V AC (50/60 Hz)

Limiting continuous current 0.75 A (see derating curve)

Maximum inrush current 30 A (10 ms)

Min. load current 10 mA

Leakage current 1 mA (in off state)

Surge current 30 A AC (tp = 20 ms, at 25°C)

Max. load value 4.5 A2s (tp = 10 ms, at 25 °C)

Surge voltage protection > 275 V

Voltage drop at max. limiting continuous current < 1 V

Output circuit 2-wire, zero voltage switch

Type of protection RCV circuit

Connection data 1

Connection name Input side

Connection method Push-in connection

Stripping length 8 mm

Conductor....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-0-OPT-24DC/230AC/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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