INDUSTRIAL COMPONENT DATA

RIF-0-OPT-24DC/24DC/2 2905293 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-0-OPT-24DC/24DC/2



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-0-OPT-24DC/24DC/2
Catalog number	2905293
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-B6AAFAB3CA
Generated	2026-11-18

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: 3-33 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 2905293
Packing unit 10 pc
Catalog page Page 336 (C-5-2017)
GTIN 4046356945417
Weight per Piece (excluding packing) 23.000 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 ... 33 V DC
Limiting continuous current 3 A (see derating curve)
Maximum inrush current 15 A (10 ms)
Surge voltage protection > 33 V
Voltage drop at max. limiting continuous current < 200 mV
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 sl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-0-OPT-24DC/24DC/2 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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