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-8DCD84BA57
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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

Additional Product Information

Key Commercial Data
Orderkey 2905295
Packing unit 10 pc
Catalog page Page 337 (C-5-2017)
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

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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