INDUSTRIAL COMPONENT DATA

OPT- 5DC/ 24DC/ 5 2982113 PHOENIX CONTACT Miniature solid-state relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: OPT-5DC/ 24DC/ 5



Manufacturer	PHOENIX CONTACT
MPN / Reference	OPT-5DC/ 24DC/ 5
Catalog number	2982113
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-807EAE0659
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Product Overview

Miniature solid-state relay
Plug-in miniature solid-state relay, power solid-state relay, 1 closing contact, input: 5 V DC, output: 3-33 V DC/5 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 2982113
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
Catalog page Page 310 (C-5-2017)
GTIN 4017918989774
Weight per Piece (excluding packing) 11.060 g
Custom tariff number 85364190
Country of origin HU (Hungary)
Dimensions
Width 12.7 mm
Height 29 mm
Depth 15.7 mm

Ambient conditions
Ambient temperature (operation) -25 °C ... 60 °C
Ambient temperature (storage/transport) -25 °C ... 70 °C
Input data
Nominal input voltage UN 5 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 4 V DC ... 6 V DC
Switching threshold "0" signal, voltage <= 0.8 V
Switching threshold "1" signal voltage >= 2.5 V
Typical input current at UN 9 mA
Typical response time 10 µs
Typical turn-off time 400 µs
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
Transmission frequency 300 Hz
Power dissipation for nominal condition 0.05 W
Output data
Output nominal voltage 24 V DC
Output voltage range 3 V DC ... 33 V DC
Limiting continuous current 5 A (see derating curve)
Maximum inrush current 15 A (10 ms)
Surge voltage protection > 33 V DC
Voltage drop at max. limiting continuous current <= 200 mV
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
General
Test voltage input/output 2.5 kV (50 Hz, 1 min.)
Mounting position any
Assembly instructions In rows with zero spacing
Ope...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / OPT-5DC/ 24DC/ 5 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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