INDUSTRIAL COMPONENT DATA

PLC-OPT- 5DC/24DC/100KHZ-G 2902973 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-5DC/24DC/100KHZ-G



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-5DC/24DC/100KHZ-G
Catalog number	2902973
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-A0C8B28253
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Product Overview

Solid-state relay module
Eingabe-Solid-State-Relais, mit Gleichspannungsausgang-Gegentakt, Übertragungsfrequent: 100 kHz, with Discharge and Schutzbeschaltung im Ein- und Ausgangskreis, Eingang: 5 V DC, Ausgang: 14 - 30 V DC/50 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

Additional Product Information

Key Commercial Data
Orderkey 2902973
Packing unit 1 pc
Catalog page Page 411 (C-5-2017)
GTIN 4046356702799
Weight per Piece (excluding packing) 32.860 g
Custom tariff number 85364190
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 6.2 mm
Height 80 mm

Depth 86 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C
Ambient temperature (storage/transport) -25 °C ... 75 °C
Degree of protection IP20
Input data
Nominal input voltage UN 5 V DC
Input voltage range in reference to UN 0.5 ... 1.2
Input voltage range 2.5 V DC ... 6 V DC
Switching threshold "0" signal in reference to UN < 0.3
Switching threshold "1" signal in reference to UN > 0.5
Typical input current at UN 8 mA
Typical response time 1 µs
Typical turn-off time 2 µs
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Surge voltage protection > 14 V
Transmission frequency 100 kHz
Power dissipation for nominal condition 0.04 W
Output data
Designation Output data
Output voltage range 14 V DC ... 30 V DC
Limiting continuous current 50 mA
Quiescent current 15 mA
Surge voltage protection > 35 V
Voltage drop at max. limiting continuous current < 2.2 V
Output circuit 3-conductor push-pull, ground referenced
Type of protection Reverse polarity protection
Surge protection
Connection data 1
Connection name Input side
Connection method Push-in connection
Stripping le...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-5DC/24DC/100KHZ-G with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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