INDUSTRIAL COMPONENT DATA

OV-24DC/ 60DC/4 2982647 PHOENIX CONTACT Semi-conductor relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: OV-24DC/ 60DC/4



Manufacturer	PHOENIX CONTACT
MPN / Reference	OV-24DC/ 60DC/4
Catalog number	2982647
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-E88C32F786
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Product Overview

Semi-conductor relay
Solid-state relay, for signal amplification and galvanic separation of the control and load circuits, pluggable into plug-in sockets for soldering SIM-AMS, or with card connection for direct mounting on the printed circuit board, input: 4.25-32 V DC, output: 1-60 V DC/4 A
Solid state relay for signal amplification and galvanic separation between the control circuit and the field, pluggable on the SIM-AMS socket or with card connection for direct PCB mounting, input: 4.25-32 V DC, output: 1-60 V DC/4 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 2982647
Packing unit 10 pc
Catalog page Page 559 (C-7-2013)
GTIN 4046356131971
Weight per Piece (excluding packing) 24.000 g
Custom tariff number 85362010
Country of origin CN (China)
Dimensions
Width 10.5 mm

Height 43 mm
Depth 25.4 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 80 °C
Ambient temperature (storage/transport) -20 °C ... 80 °C
Input data
Nominal input voltage UN 24 V DC
Input voltage range 4.25 V DC ... 32 V DC
Switching threshold "0" signal, voltage < 1 V DC
Switching threshold "1" signal voltage > 3.3 V DC
Typical input current at UN 15 mA
Typical response time < 100 µs
Typical turn-off time < 250 µs
Transmission frequency 100 Hz
Output data
Output voltage range 1 V DC ... 60 V DC
Limiting continuous current 4 A (see derating curve)
Min. load current 1 mA
Leakage current 100 µA
Surge current 25 A (tp= 1 s)
Voltage drop at max. limiting continuous current 0.5 V
Output circuit 2-conductor
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
General
Test voltage input/output 4 kV (50 Hz, 1 min.)
Mounting position any
Assembly instructions Can be aligned with > 20 mm spacing
Operating mode 100% operating factor
Standards/regulations EN 61000-4-2
EN 61000-4-3
EN 61000-4-4
EN 55011
Standards and Regulations
Connection in acc. with standard CUL
Standards/regulations EN 61000-4-2
EN 61000-4-3
EN 61000-4-4
EN 55011
Insulation Basic insulation
Environmental Product Complianc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / OV-24DC/ 60DC/4 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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