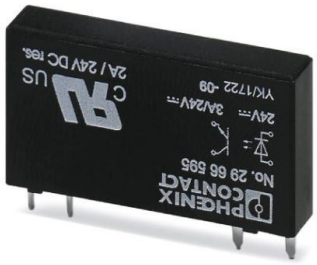
INDUSTRIAL COMPONENT DATA

OPT-24DC/ 24DC/ 2 2966595 PHOENIX CONTACT Miniature solid-state relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	OPT-24DC/ 24DC/ 2
Catalog number	2966595
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-D5D0699E12
Generated	2026-11-18

Product Overview

Miniature solid-state relay
Plug-in miniature solid-state relay, power solid-state relay, 1 closing contact, input: 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 2966595
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 300 (C-5-2017)
GTIN 4017918130947
Weight per Piece (excluding packing) 5.200 g
Custom tariff number 85364190
Country of origin HU (Hungary)
Dimensions
Width 5 mm
Height 28 mm
Depth 15 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C
Ambient temperature (storage/transport) -25 °C ... 70 °C
Input data
Nominal input voltage UN 24 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 19.2 V DC ... 28.8 V DC
Switching threshold "0" signal, voltage <= 10 V
Switching threshold "1" signal voltage >= 16 V
Typical input current at UN 7 mA
Typical response time 20 µs (at UN)
Typical turn-off time 300 µs (at UN)
Transmission frequency 300 Hz
Power dissipation for nominal condition 0.17 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)
Voltage drop at max. limiting continuous current <= 150 mV
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Surge protection
General
Test voltage input/output 2.5 kV (50 Hz, 1 min.)
Mounting position any
Assembly instructions In rows with zero spacing
Operating mode 100% operating factor
Degree of protection RT III (wash-proof)
Designation Standards/regulations
Standards/regulations IEC 60664
EN 50178
Degree of pollution 2
Overvoltage category III
Standards and Regulations
Connection in acc. wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / OPT-24DC/ 24DC/ 2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.