INDUSTRIAL COMPONENT DATA

PLC-OPT- 24DC/TTL 2900363 PHOENIX CONTACT PLC solid-state relay with Push-in connection, for mounting on DIN..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-24DC/TTL
Catalog number	2900363
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-1497FCD6E1
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Product Overview

PLC solid-state relay with Push-in connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: TTL (5 V DC) PLC-INTERFACE for TTL signal, consisting of PLC-O.../TTL base terminal block with push-in connection and integrated solid-state relay, for installation on NS 35/7.5 rail, 1 closing contact, input: 24 V DC, output: TTL (5 V DC)

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

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) -25 °C ... 60 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Degree of protection IP20
Input data

Nominal input voltage UN 24 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Switching threshold "0" signal in reference to UN < 0.4
Switching threshold "1" signal in reference to UN > 0.8
Typical input current at UN 3.4 mA
Typical response time 35 µs
Typical turn-off time 35 µs
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Parallel polarity protection diode
Surge voltage protection > 33 V
Transmission frequency 1 kHz
Output data
Designation Output data
Output nominal voltage 5 V DC -10 % ... +20 %
Limiting continuous current A TTL load (Fan out = 1)/50 mA for switching mode
Fan out 1
Surge voltage protection > 8 V
Voltage drop at max. limiting continuous current < 80 mV
Output circuit 3-conductor, ground-referenced
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Parallel polarity protection diode
Connection data, input side
Connection name Input side
Connection method Push-in connection
Stripping length 8 mm
Conductor cross section solid 0.14 mm² ... 2.5 mm²
Conductor cross section flexible 0.14 mm² ... 2.5 mm²
Conductor cross secti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/TTL 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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