INDUSTRIAL COMPONENT DATA

PLC-OPT- 24DC/230AC/2.4/ACT 2904632 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-24DC/230AC/2.4/ACT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-24DC/230AC/2.4/ACT
Catalog number	2904632
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-85CD4B8D27
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Product Overview

Solid-state relay module
PLC-INTERFACE for output functions, PLC-BPT.../ACT base terminal composite with push-in connection and integrated miniature solid state relay, for NS 35/7.5 rail mounting, 1 closing contact, input: 24 V DC, output: 24-253 V AC/2.4 A
PLC-INTERFACE for output functions, consisting of PLC-BPT.../ACT basic terminal block with push-in connection and integrated miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 24 - 253 V AC/2.4 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

Technical dataProduct propertiesProduct type Solid-state relay module
Product family PLC-INTERFACE
Application Output function
Operating mode 100% operating factor
Insulation characteristics
Insulation Basic insulation
Insulation characteristics: Air clearances and creepage distances between the power circuits
Insulation Basic insulation
Overvoltage category III
Pollution degree 2

Electrical propertiesMaximum power dissipation for nominal condition 0.19 W
Test voltage (Input/output) 2.5 kV (50 Hz, 1 min., input/output)
Air clearances and creepage distances between the power circuits
Rated insulation voltage 260 V AC
Rated surge voltage 4 kV
Input dataRated actuating voltage UC 24 V DC
Voltage range with reference to UC 0.8 ... 1.2
Rated actuating current IC 8 mA
Input voltage range 19.2 V DC ... 28.8 V DC
"0" signal switching threshold in reference to UC < 0.4
"1" signal switching threshold in reference to UC > 0.8
Typical response time 10 ms (at UC)
Typical turn-off time 10 ms (at UC)
Status display Yellow LED
Protective circuit Reverse polarity protection
Surge protection
Surge voltage protection > 33 V
Transmission frequency 10 Hz
Output dataDesignation Output data
Contact switching type 1 N/O contact
Design of digital output electronic
Contact connection type Power contact
Output voltage range 24 V AC ... 253 V AC
Limiting continuous current 2.4 A (see to derating)
Maximum inrush current 250 A (20 ms)
Min. load current 10 mA
Leakage current < 3 mA
Max. load value 340 A2s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/230AC/2.4/ACT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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