INDUSTRIAL COMPONENT DATA

# PLC-OPT-230AC/300DC/1 2900389 PHOENIX CONTACT PLC-INTERFACE, integrated solid-state relay, with Push-in conn..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-230AC/300DC/1**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-OPT-230AC/300DC/1 |
| Catalog number | 2900389 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-DE2DA39B46 |
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## Product Overview

PLC-INTERFACE, integrated solid-state relay, with Push-in connection, for mounting on NS 35/7,5 DIN rails, input: 230 V AC, output: 12 - 300 V DC/1 A
PLC INTERFACE, integrated solid-state relay, with push-in connection, for symmetrical rail mounting NS 35/7.5, input: 230 V AC, output: 12-300 V DC/1 A

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| 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
Input data

Nominal input voltage UN 230 V AC
Input voltage range in reference to UN 0.8 ... 1.1
Input voltage range 184 V AC ... 253 V AC
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 8.4 mA
Typical response time 19 ms
Typical turn-off time 6 ms
Operating voltage display Yellow LED
Type of protection Bridge rectifier
Protective circuit/component Bridge rectifier
Transmission frequency 10 Hz
Output data
Designation Output data
Output voltage range 12 V DC ... 300 V DC (Partition plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal points in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...)
Limiting continuous current 1 A (see derating curve)
Voltage drop at max. limiting continuous current < 500 mV
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Varistor
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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-230AC/300DC/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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