

INDUSTRIAL COMPONENT DATA

PLC-HPT-24DC/230AC/10 2905215 PHOENIX CONTACT

Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-HPT-24DC/230AC/10



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-HPT-24DC/230AC/10
Catalog number	2905215
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-C7627CB720
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Product Overview

Solid-state relays

PLC-INTERFACE, hybrid solid-state relay incl. bypass relay with push-in connection, for rail mounting NS 35/7.5, input: 24 V DC, output: 24 V AC-253 V AC/10 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 2905215

Packing unit 1 pc

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GTIN 4046356927307

Weight per Piece (excluding packing) 63.060 g

Custom tariff number 85364190

Country of origin DE (Germany)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 14 mm

Height 80 mm

Depth 94 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Degree of protection IP20

Input data

Rated control circuit supply voltage US 24 V DC

Input voltage range 19.2 V DC ... 28.8 V DC

Rated control supply current IS 14 mA (Input low, output low)

19 mA (Input high, output high)

Rated actuating voltage UC 24 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 30 ms

Typical turn-off time 20 ms

Status display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Surge voltage protection > 33 V DC

Transmission frequency 1 Hz

Power dissipation for nominal condition 0.16 W

Output data

Designation AC hybrid output

Output voltage range 24 V AC ... 253 V AC (50/60 Hz)

Limiting continuous current 10 A (see derating curve)

Min. load current 100 mA

Leakage current < 1 mA

Surge current 250 A (tp = 20 ms, at 25°C)

Max. load value 350 A2s (tp = 10 ms, at 25 °C)

Surge voltage protection > 275 V

Output circuit 2-wire, floating

Type of protection RCV circuit

Co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-HPT-24DC/230AC/10 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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