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-C5C36B4224
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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
Catalog page Page 409 (C-5-2017)
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.

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