

INDUSTRIAL COMPONENT DATA

PSR-SPF-24UC/URM/4X1/2X2 2981457 PHOENIX CONTACT

Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPF-24UC/URM/4X1/2X2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPF-24UC/URM/4X1/2X2
Catalog number	2981457
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-7088B7666C
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Product Overview

Coupling relay

Secure coupling relay with forced-conduction contacts, 4 normally open contacts, 2 normally closed contacts, fixed spring connection terminal, width: 40 mm

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 > Safety

Additional Product Information

Key Commercial Data

Orderkey 2981457

Packing unit 1 pc

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GTIN 4017918987794

Weight per Piece (excluding packing) 117.000 g

Custom tariff number 85364900

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Width 40 mm

Height 114.5 mm

Depth 50.1 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 55 °C

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

Max. permissible relative humidity (operation) 75 % (on average, 85% infrequently, non-condensing)

Max. permissible humidity (storage/transport) 75 % (on average, 85% infrequently, non-condensing)

Maximum altitude ≤ 2000 m (Above sea level)

Input data

Rated control circuit supply voltage US 24 V AC/DC -20 % / +10 %

Rated control supply current IS typ. 52 mA

Power consumption at US typ. 1.25 W

Typ. starting time with Us typ. 10 ms (when controlled via A1)

Typical release time typ. 10 ms (when controlled via A1)

Recovery time < 500 ms

Operating voltage display 1 x green LED

Maximum switching frequency 0.5 Hz

Output data

Contact type 4 enabling current paths

2 confirmation current paths

Contact material AgSnO₂

Maximum switching voltage 230 V AC/DC (Observe the load curve)

Minimum switching voltage 5 V AC/DC

Limiting continuous current 6 A

Maximum inrush current 6 A

Inrush current, minimum 10 mA

Sq. Total current 72 A₂

Interrupting rating (ohmic load) max. For additional values, see load curve

Maximum interrupting rating (inductive load) 48 W (N/O contact, 24 V D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPF-24UC/URM/4X1/2X2 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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