INDUSTRIAL COMPONENT DATA

PSR-MC42-2NO-1DO-24DC-SC 2702901 PHOENIX CONTACT Safety relay with IO-Link for emergency stop, safety doors,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MC42-2NO-1DO-24DC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MC42-2NO-1DO-24DC-SC
Catalog number	2702901
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-2789E145F9
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Product Overview

Safety relay with IO-Link for emergency stop, safety doors, and light grids, up to SILCL 3, Cat. 4, PL e, 2 sensor circuits, automatic or manual, monitored start, 2 enabling current paths, 1 signal output, U
Safety relay with IO-Link for emergency stop, protection doors and light barrier up to SIL 3, cat. 4, PL e, 2 sensor circuits, monitored start, manual or automatic, 2 trip circuits, 1 message output, US = 24 V DC, plug-in screw terminal

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 2702901
Packing unit 1 pc
Catalog page Page 224 (C-6-2019)
GTIN 4055626458540
Weight per Piece (excluding packing) 180.000 g
Custom tariff number 85371098
Country of origin DE (Germany)
Drawings
Dimensions
Power supply
Digital inputs

Relay outputs: enabling current path
Times
Connection data
Standards and Regulations
Classifications
Note
Ambient conditions
Supply of the IO-Link ports
IO-Link inputs
Alarm outputs
General
Safety-related characteristic data
Environmental Product Compliance
Drawings
Block diagram
Circuit diagram
Back to topNote
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Back to topDimensions
Width 17.5 mm
Height 112.2 mm
Depth 114.5 mm
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 60 °C (observe derating)
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)
Back to topPower supply
Designation A1/A2
Rated control circuit supply voltage US 24 V DC -20 % / +25 % (provide external protection)
Rated control supply current IS typ. 60 mA
Power consumption at US typ. 1.44 W
Inrush current typ. 2.5 A (?t = 500 µs at Us)
Filter time 1 ms (at A1 in the event of voltage dips at Us)
Protective circuit Serial protection agains...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MC42-2NO-1DO-24DC-SC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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