INDUSTRIAL COMPONENT DATA

PSR-MS21-1NO-1DO-24DC-SC 2702192 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MS21-1NO-1DO-24DC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MS21-1NO-1DO-24DC-SC
Catalog number	2702192
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-35618F25E2
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Product Overview

Safety relays
Safety relay for fault-safe control systems up to SILCL 3, cat. 4, PL e, 1-channel service, automatic start, 1 trip circuit, US = 24 V DC according to IEC 61131-6, fixed 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 2702192
Packing unit 1 pc
Catalog page Page 251 (C-6-2017)
GTIN 4055626010199
Weight per Piece (excluding packing) 69.000 g
Custom tariff number 85371098
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 6.8 mm
Height 93.1 mm

Depth 102.5 mm
Ambient conditions
Ambient temperature (operation) -40 °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)
Power supply
Rated control circuit supply voltage US 24 V DC -20 % / +25 % (at A1)
19.2 V DC ... 30 V DC
Rated control supply current IS typ. 35 mA
Power consumption at US typ. 840 mW
Inrush current 150 mA (?t = 25 ms at Us)
Filter time 2.5 ms (at A1 in the event of voltage dips at Us)
max. 3 ms (at A1; test pulse width; blanking pulses/dark test)
1 s (at A1; test pulse rate; blanking pulses/dark test)
Where test pulse width <= 1 ms: test pulse rate = 5 x test pulse width
max. 1 ms (at A1; test pulse width; switch-on pulses/light test)
100 ms (at A1; test pulse rate; switch-on pulses/light test)
Unless switch-on pulses/light tests are safety-related, they should be disabled.
Protective circuit Surge protection Suppressor diode
Protect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MS21-1NO-1DO-24DC-SC 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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