INDUSTRIAL COMPONENT DATA

PSR-SCP-24DC/ESD/4X1/30-SET35 1217839 PHOENIX CONTACT Set of 35 pieces of safety relays for the supervision ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SCP-24DC/ESD/4X1/30-SET35



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24DC/ESD/4X1/30-SET35
Catalog number	1217839
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-C2C8C3FBB5
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Product Overview

Set of 35 pieces of safety relays for the supervision of emergency stop and safety doors up to SIL 3 or cat. 4, PL e according to EN ISO 13849, automatic or manual activation, 2 NA contacts with disconnection delay from 0.1 s to 30 s, plug-in screw connection terminal
Set of 35 safety relays for emergency stop and safety door monitoring up to SIL 3 or Cat. 4, PL e in accordance with EN ISO 13849, automatic or manual activation, 2 N/O contacts with a dropout delay of 0.1 s to 30 s, plug-in screw connection terminal block

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

Technical dataProduct propertiesProduct type Safety relays
Product family PSRclassic
Application Emergency stop
Safety door
Light grid
Mechanical service life approx. 107cycles
Relay type Electromechanical relay with force-guided contacts in accordance with IEC/EN 61810-3
Electrical propertiesMaximum power dissipation for nominal condition 1.8 W

Nominal operating mode 100% operating factor
Air clearances and creepage distances between the power circuits
Rated insulation voltage 250 V
Rated surge voltage/insulation 4 kV / basic insulation
Input dataGeneral
Nominal input voltage UN 24 V DC
Input voltage range in reference to UN 0.85 ... 1.1
Typical input current at UN 75 mA DC
Voltage at input/start and feedback circuit approx. 24 V DC
Typical response time 150 ms (Monitored/manual and auto-start)
Typical release time 20 ms (Undelayed contacts)
100 ms (delayed contacts)
Typical release time range 0.1 s ... 30 s
Recovery time 330 ms (Restart)
1 s (Electric torque)
Protective circuit Suppressor diode, 33 V DC
Max. permissible overall conductor resistance 500 ? (Input and reset circuit at UN)
Operating voltage display Green LED
Status display LED K1/K2 and K3(t)/K4(t), green
Output dataContact switching type 4 enabling current paths
Contact material AgSnO2
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 15 V AC/DC
Limiting continuous current 6 A (N/O contact)
Maximum inrush current 6 A
Inrush current, minimum 25 mA
Sq. Total current 120 A2(see to derating)
Interru...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24DC/ESD/4X1/30-SET35 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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