INDUSTRIAL COMPONENT DATA

PSR-SPP-24UC/ESAM4/8X1/1X2 2963996 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24UC/ESAM4/8X1/1X2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24UC/ESAM4/8X1/1X2
Catalog number	2963996
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
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Product Overview

Safety relays
Safety relay for emergency stop monitoring and safety doors up to SIL 3 or category 4, PL e according to EN ISO 13849, single-channel or dual-channel operation, 8 trip circuits, US = 24 V DC, plug-in push-in 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

Key Commercial Data
Orderkey 2963996
Packing unit 1 pc
Catalog page Page 260 (C-6-2017)
GTIN 4017918904814
Weight per Piece (excluding packing) 426.100 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 45 mm
Height 112 mm

Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 55 °C (observe derating)
Ambient temperature (storage/transport) -40 °C ... 70 °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 -15 % / +10 %
Rated control supply current IS typ. 177 mA AC
typ. 93 mA DC
Power consumption at US typ. 4.25 W (AC)
typ. 2.23 W (DC)
Inrush current 2 A (?t = 10 ms at Us)
< 60 mA (with Us/Ixto S10)
< 110 mA (with Us/Ixto S12)
> -110 mA (with Us/Ixto S22)
< 60 mA (with Us/Ixto S34)
< 60 mA (with Us/Ixto S35)
Current consumption < 50 mA (with Us/Ixto S10)
< 50 mA (with Us/Ixto S12)
> -50 mA (with Us/Ixto S22)
0 mA (with Us/Ixto S34)
0 mA (with Us/Ixto S35)
Voltage at input/start and feedback circuit 24 V DC -15 % / +10 %
Typical response time < 380 ms (automatic start)
< 60 ms (manual start)
Typ. starting time with Us < 500 ms (when controlled via A1)
Typical release time < 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24UC/ESAM4/8X1/1X2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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