INDUSTRIAL COMPONENT DATA

MCR-SL-S- 16-SP- 24 2864464 PHOENIX CONTACT Current monitoring

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCR-SL-S-16-SP-24



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCR-SL-S-16-SP-24
Catalog number	2864464
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-50699CE273
Generated	2026-11-19

Product Overview

Current monitoring
MCR current controller, for sine idle alternating currents 0 ... 16 A AC/ 1 switched contact

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 > INTERFACE Components (IF)

Additional Product Information

Key Commercial Data
Orderkey 2864464
Packing unit 1 pc
Catalog page Page 249 (C-5-2017)
GTIN 4017918904456
Weight per Piece (excluding packing) 139.200 g
Custom tariff number 85389091
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 22.5 mm
Height 99 mm
Depth 114.5 mm

Ambient conditions
Ambient temperature (operation) -20 °C ... 65 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C (non-condensing)
Maximum altitude <= 2000 m
Input data
Input Current measuring input
Input current range 0 A AC ... 16 A
Impulse form Sine
Overload capacity 2 x IN (continuous)
Nominal frequency fN 50 Hz
60 Hz
Frequency measuring range 45 Hz ... 65 Hz
Switching output
Output name Relay output
Contact type 1 PDT
Contact material AgSnO, hard gold-plated
Maximum switching voltage 30 V AC
36 V DC
250 V AC (when the gold layer is destroyed)
Limiting continuous current 50 mA (for gold layer, 30 V AC/ 36 V DC)
2 A (in case of a destroyed gold layer, 250 V AC)
Setting range of the response delay typ. 0.1 s ... 10 s (Adjustable using a potentiometer)
Power supply
Supply voltage range 20 V DC ... 30 V DC
Max. current consumption < 30 mA
Connection data
Connection method Screw connection
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 14
Conductor cross section flexible min. 0.2 mm²
Conductor cr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCR-SL-S-16-SP-24 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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