INDUSTRIAL COMPONENT DATA

UM-2KS40/AI16/CS/Z/SO180 2311331 PHOENIX CONTACT Input module

Brand: PHOENIX CONTACT | Manufacturer Part Number: UM-2KS40/AI16/CS/Z/SO180



Manufacturer	PHOENIX CONTACT
MPN / Reference	UM-2KS40/AI16/CS/Z/SO180
Catalog number	2311331
Category	Interface module
Minimum order	1 Pcs
Document ID	EO-18004995C7
Generated	2026-11-18

Product Overview

Input module
16-channel analog input module with spring connection and redundant voltage supply. Suitable for Yokogawa AAI141 and AAI143 cards. Possibility of connection for HART multiplexers.

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 2311331
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4046356317702
Weight per Piece (excluding packing) 169.960 g
Custom tariff number 85369010
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 163 mm
Height 126 mm

Depth 65 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 50 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
General
Note Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Max. perm. operating voltage 24 V DC ±10 %
Max. permissible current (all branches) 2 A (Redundant (P1+,P2+))
Mounting position any
Connection data for connection 1
Connection name Field level
Connection method Spring-cage connection
Conductor cross section solid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG 24 ... 14
Connection data for connection 2
Connection name Controller level
Connection method Yokogawa KS-compatible
Torque 0.5 Nm
Number of connections 2
Number of positions 40
Connection data for connection 3
Connection method HART connector
Number of positions 26
Supported controller
Controller YOKOGAWA CS3000 CentumVP
- suitable I/O card AAI141
AAI143
Controller YOKOGAWA STARDOM
- suitable I/O card NFAI141
NFAI143
Standards and Regulations
Standards/regulations DIN EN 50178
Rated sur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UM-2KS40/AI16/CS/Z/SO180 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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