INDUSTRIAL COMPONENT DATA

TC-2KS40-AI16-EX-PR-CS 2905677 PHOENIX CONTACT Module carrier

Brand: PHOENIX CONTACT | Manufacturer Part Number: TC-2KS40-AI16-EX-PR-CS



Manufacturer	PHOENIX CONTACT
MPN / Reference	TC-2KS40-AI16-EX-PR-CS
Catalog number	2905677
Category	Interface module
Minimum order	1 Pcs
Document ID	EO-54BA0DA420
Generated	2026-11-19

Product Overview

Module carrier
Termination Carrier for the redundant connection of 16 MACX Analog Ex-i separation amplifiers to analog input cards of the Yokogawa CENTUM VP control system, using two KS40, 40-pole connectors. Suitable for Yokogawa AAI141 and AAI143 cards.

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 2905677
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 525 (C-5-2017)
GTIN 4046356986724
Weight per Piece (excluding packing) 1,685.000 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Nominal voltage UN < 30 V DC (Per signal/channel)
Max. permissible current 1 A (Signal/channel)

Degree of protection IP00
Supply
Designation Power module
Note Power supply via 2904673 TC-MACX-MCR-PTB power supply and error signaling module.
Input voltage 24 V DC
Input voltage range 19.2 V DC ... 30 V DC
Input current <= 2 A
Redundant supply yes, decoupled from diodes
Polarization and surge protection Yes
Output name Switching output
Contact type 1 N/C contact (alarm = open)
Maximum switching voltage 50 V DC (0.3 A)
Fuse 2x 2.5 A on PCB, slow-blow (replaceable)
Status display 1 x red LED (error)
2x green LEDs (PWR1 and PWR2)
Connection 1
Connection name Power supply
Connection method Screw connection
Stripping length 7 mm
Number of connections 1
Number of positions 6
Conductor cross section solid 0.14 mm² ... 2.5 mm²
Conductor cross section flexible 0.14 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 12
Connection 2
Connection name Controller level
Connection method Yokogawa KS-compatible
Number of connections 2
Number of positions 40
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C (Please observe module specifications)
Ambient temperature (storage/transport) -40 °C ... 80 °C
Permissible humidity....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TC-2KS40-AI16-EX-PR-CS 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.