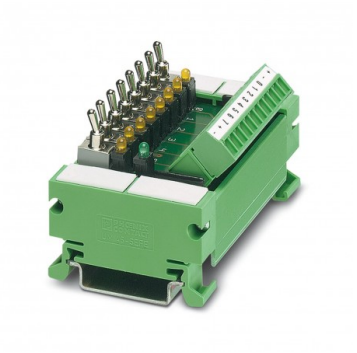
INDUSTRIAL COMPONENT DATA

UM 45-IB-DI/SIM8 2962997 PHOENIX CONTACT Interface module

Brand: PHOENIX CONTACT | Manufacturer Part Number: UM 45-IB-DI/SIM8



Manufacturer	PHOENIX CONTACT
MPN / Reference	UM 45-IB-DI/SIM8
Catalog number	2962997
Category	Interface module
Minimum order	1 Pcs
Document ID	EO-8AED2C52A3
Generated	2026-11-19

Product Overview

Interface module
VARIOFACE switch module, with COMBICON connector, for simulation, for 8 signals, for rail mounting NS 35

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

Technical dataProduct propertiesProduct type Interface module
Product family VARIOFACE
Operating mode 100% operating factor
Insulation characteristics: Air clearances and creepage distances
Insulation Functional insulation
Overvoltage category II
Pollution degree 2
Electrical propertiesOperating voltage range 19.2 V DC ... 26.4 V DC
Current (per branch) <= 0.05 A
Current (Voltage supply) <= 0.4 A
Air clearances and creepage distances
Rated insulation voltage 50 V
Rated surge voltage 0.5 kV (1.2/50 us)
Connection dataConnection 1 (control level)

Connection in acc. with standard IEC 60603-13
Connection method IDC/FLK pin strip
Number of connections 1
Number of positions 14
Insertion/withdrawal cycles > 50
Pitch 2.54 mm
Connection 2 (field level)
Connection method Screw connection
Stripping length 7 mm
Screw thread M3
Number of positions 12
Conductor cross section rigid 0.14 mm² ... 1.5 mm²
Conductor cross-section rigid (2 conductors with same cross section) 0.08 mm² ... 0.5 mm²
Conductor cross section flexible 0.14 mm² ... 1.5 mm²
0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve)
0.25 mm² ... 0.75 mm² (Ferrule with plastic sleeve)
Conductor cross section flexible (2 conductors with same cross section) 0.08 mm² ... 0.75 mm²
0.25 mm² ... 0.34 mm² (Ferrule without plastic sleeve)
0.5 mm² ... 0.5 mm² (TWIN ferrule with plastic sleeve)
Conductor cross section AWG 28 ... 16
Tightening torque 0.22 Nm ... 0.25 Nm
Pitch 3.81 mm
SignalingStatus display LED (yellow)
Status display pres...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UM 45-IB-DI/SIM8 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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