INDUSTRIAL COMPONENT DATA

CABLE-D25/B/FLK16/10,0M/AI845 2900158 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: CABLE-D25/B/FLK16/10,0M/AI845

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	CABLE-D25/B/FLK16/10,0M/AI845
Catalog number	2900158
Category	PLC connection cable
Minimum order	1 Pcs
Document ID	EO-19AD5639F4
Generated	2026-11-18

Product Overview

Cable
Ready-made round cable (1x female connector D-SUB 25 poles in 1x FLK 16 poles) for ABB S800 I/O, only in connection with MINI MCR-SL-V8-FLK 16-A. attachable card: AI845; Cable length: 10 m
Assembled round cable (1 x 25-pos D-SUB female connector to 1 x 16-pos. FLK) for ABB S800 I/O, only in connection with MINI MCR-SL-V8-FLK 16-A. Connectable card: AI845; cable length: 10 m.

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 System cable
Data management status
Article revision 03
Environmental and real-life conditionsAmbient conditions
Degree of protection IP00
Degree of protection (Installation location) >= IP54 (Installation location)
Ambient temperature (operation) -40 °C ... 70 °C (fixed installation)
-10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport) -20 °C ... 70 °C
Altitude <= 2000 m
Electrical propertiesOperating voltage (AC) <= 30 V AC

Operating voltage (DC) <= 60 V DC
Nominal operating mode 100% operating factor
Current (Per path, 50°C) <= 1 A (Uncoiled, see derating)
Current (Per path, 70°C) <= 0.6 A (Uncoiled, see derating)
Cable/lineCable length 10 m
16X0.14 [PVC]
Number of positions 16
Shielded yes
Cable type 16X0.14 [PVC]
Conductor type Assembled shielded round cable
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 16x 0.14 mm²
Wire diameter incl. insulation 1 mm ±0.03 mm
External cable diameter 7.00 mm ±0.4 mm
Outer sheath, material Semi-rigid PVC
External sheath, color gray
Conductor material Tin-plated Cu litz wires
Cable resistance <= 145 ?/km (20 °C)
Insulation resistance >= 20 M?*km (20 °C)
Smallest bending radius, fixed installation 74 mm
Smallest bending radius, movable installation 133 mm
Dynamic load capacity (bending) Max. bending cycles: 5000 (at a radius of >= 15x outside diameter)
Halogen-free no
Flame resistance IEC 60332-1-2 (raw cable)
VDE 0842, Part 332-1-2 (raw...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CABLE-D25/B/FLK16/10,0M/AI845 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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