INDUSTRIAL COMPONENT DATA

CABLE-FLK40/4FLK14/HF/S7/1,0M 1464625 PHOENIX CONTACT Halogen-free round cable Connection 1: Female IDC/FLK ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CABLE-FLK40/4FLK14/HF/S7/1,0M



Manufacturer	PHOENIX CONTACT
MPN / Reference	CABLE-FLK40/4FLK14/HF/S7/1,0M
Catalog number	1464625
Category	PLC connection cable
Minimum order	1 Pcs
Document ID	EO-BBE0146E7F
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Product Overview

Halogen-free round cable; Connection 1: Female IDC/FLK connection (1x 40-poles); connection 2: IDC/FLK connection female (4x 14-poles); Cable length: 1 m
Cable
Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 1 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
Environmental and real-life conditionsAmbient conditions
Degree of protection IP00
Degree of protection (Installation location) >= IP54 (Installation location)
Ambient temperature (operation) -40 °C ... 50 °C (fixed installation)
-10 °C ... 50 °C (flexible installation)
Ambient temperature (storage/transport) -40 °C ... 80 °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)
Supported controller SIEMENS S7-1500
Suitable I/O card 6ES7521-1BP00-0AA0 (Sinking mode)
6ES7522-1BP00-0AA0
6ES7522-1BP50-0AA0
6ES7523-1BP50-0AA0 (DI32 (Sinking mode)/DQ32)
Cable/lineCable length 1 m
Number of positions 14
Shielded no
Conductor type Assembled, halogen-free round cable
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 14x 0.14 mm²
Wire diameter incl. insulation 1 mm ±0.03 mm
External cable diameter 5.8 mm ±0.4 mm
Outer sheath, material halogen-free (type 2)
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 50 mm
Smallest bending radius, movable installation 93 mm
Max. bending cycles 5000 (at a radius of >= 15x outside diameter)
Halogen-free yes
Fla...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CABLE-FLK40/4FLK14/HF/S7/1,0M 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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