INDUSTRIAL COMPONENT DATA

FLK 14/16/EZ-DR/HF/ 250/S7 2296951 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: FLK 14/16/EZ-DR/HF/ 250/S7



Manufacturer	PHOENIX CONTACT
MPN / Reference	FLK 14/16/EZ-DR/HF/ 250/S7
Catalog number	2296951
Category	PLC connection cable
Minimum order	1 Pcs
Document ID	EO-EF6AA9506A
Generated	2026-11-19

Product Overview

Cable
Halogen-free round cable; control: SIMATIC® TOP connect; Connection 1: Female IDC/FLK connection (1x 16-poles); Connection 2: IDC/FLK Connection Female (1x 14-pole); Cable length: 2.5 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

Key Commercial Data
Orderkey 2296951
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 525 (C-7-2015)
GTIN 4017918733643
Weight per Piece (excluding packing) 130.400 g
Custom tariff number 85444290
Country of origin DE (Germany)
General
Nominal voltage UN < 50 V AC
60 V DC
Max. current carrying capacity per path 1 A (up to 50°C ambient temperature)

Max. conductor resistance 0.16 ?/m
Length of cable 2.5 m
Single wire, cross section 0.14 mm²
Single wire, cross section [AWG] 26
Conductor construction: Number of litz wires: 7
Single wire, material Cu tin-plated
Test voltage 500 V AC (50 Hz, 1 min.)
External diameter 6.4 mm
Cable, preassembly Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding no
Outer sheath, material halogen-free (type 2)
External sheath, color RAL 7032 gray
Environmental conditions
Ambient temperature (operation) -20 °C ... 50 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
Flame resistance IEC 60332-3
DIN VDE 0482 Part 266-2
Connector 1
Connection name Field level
Connection method IDC/FLK socket strip
Number of connections 1
Number of positions 14
Pitch 2.54 mm
Connector 2
Connection name Controller level
Connection method IDC/FLK socket strip
Number of connections 1
Number of positions 16
Pitch 2.54 mm
Supported controller
Controller SIEMENS TOP connect
Standards and Regulations
Flame resistance IEC 60332-3
DIN VDE 0482 Part 266-2
Color code
Connector 1 = connector 2 (optional) = wire color IDC/FLK16 (1) = IDC/FLK...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FLK 14/16/EZ-DR/HF/ 250/S7 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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