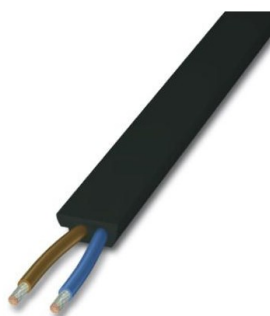


INDUSTRIAL COMPONENT DATA

VS-ASI-FC-PVC-UL-BK 100M 1404919 PHOENIX CONTACT

Flat-ribbon conductor

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-ASI-FC-PVC-UL-BK 100M



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-ASI-FC-PVC-UL-BK 100M
Catalog number	1404919
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-8A9F6E1D7B
Generated	2026-08-06

Product Overview

Flat-ribbon conductor

AS-Interface PVC flat cable with UL in black, for additional power supply, 2 x 1.5 mm², 100 m coil

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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data

Orderkey 1404919

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 438 (C-2-2017)

GTIN 4046356327640

Weight per Piece (excluding packing) 222.220 g

Custom tariff number 85444995

Country of origin DE (Germany)

Mechanical characteristics

Number of positions 2

Shielded no

Type of cable Flat-ribbon conductor

Cable structure 2x 1.5 mm²

Length of cable 100 m

Ambient conditions

Ambient temperature (operation)

-20 °C ... 90 °C (Flexibly installed)

-30 °C ... 90 °C (fixed routing)

Ambient temperature (assembly) -20 °C ... 90 °C

Ambient temperature (storage/transport) -30 °C ... 90 °C

Material data

Outer sheath, material PVC

External sheath, color black RAL 9005

Height 4 mm

Electrical characteristics

Rated voltage (III/3) 300 V

Rated surge voltage 2 kV

Line characteristics

Type of cable Flat-ribbon conductor

Cable structure 2x 1.5 mm²

Conductor cross section 1.5 mm²

AWG power supply 16

Conductor structure, voltage supply 84x 0.15 mm

Core diameter including insulation 2.5 mm

Thickness, insulation approx. 0.5 mm

Wire colors brown, blue

External sheath, color black RAL 9005

Insulation resistance $\geq 1 \text{ M}\Omega\cdot\text{km}$

Conductor resistance $\leq 13.7 \text{ }\Omega/\text{km}$

Nominal voltage, cable 300 V

Test voltage, cable 2000 V

Outer sheath, material PVC

Material conductor insulation TPE

Conductor material Bare Cu litz wires

Cable weight 73 kg/km

Smallest bending radius, fixed installation $\geq 6 \text{ mm}$ (one-time)

Traversing direction horizontal, above the broadside

Max. bending cycles 80...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-ASI-FC-PVC-UL-BK 100M 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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