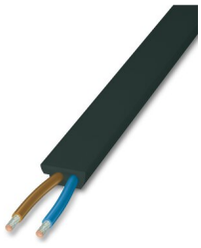
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Flat-ribbon conductor - VS-ASI-FC-PVC-UL-BK 100M

1404919

https://www.phoenixcontact.com/gb/products/1404919

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AS-Interface PVC flat conductor with UL in black, for additional power supply, 2 x 1.5 mm^2, 100 m ring

Commercial Data

Item number	1404919
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	BF1LFA
Product Key	BF1LFA
Catalog Page	Page 438 (C-2-2019)
GTIN	4046356327640
Weight per Piece (including packing)	222.22 g
Weight per Piece (excluding packing)	222.22 g
Customs tariff number	85444995
Country of origin	DE

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Technical Data

Product properties

Product type	Data cable by the meter
Number of positions	2

Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	2 kV

Interfaces

Signal type/category	AS-Interface

Dimensions

Width	10 mm
Height	4 mm

Cable / line

Cable length	100 m
Cable weight	73 kg/km
Number of positions	2
Shielded	no
Conductor type	Flat-ribbon conductor
Conductor cross section	1.5 mm²
Wire diameter incl. insulation	2.5 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	TPE
Single wire, color	brown, blue
Thickness, insulation	approx. 0.5 mm
Max. conductor resistance	≤ 13.7 Ω/km
Insulation resistance	≥ 1 MΩ*km
Nominal voltage, cable	48 V
Test voltage	2000 V
Smallest bending radius, fixed installation	≥ 6 mm (one-time)
Max. bending cycles	8000000
	10000000
Halogen-free	no
Flame resistance	UL 1581, Sec. 1061 (Cable Flame)
	UL 1581, Sec. 1060 (FT-1)
	UL 1685 (CSA FT 4)
	IEC 60332-1-2
Resistance to oil	UL 1581, Sec. 480 (60 °C)

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Other resistance	UV resistant
Special properties	UL type CL2 accord. to UL 13 and NEC Article 725
	UL type CMG accord. to UL 444 and NEC Article 800
Ambient temperature (operation)	-30 °C ... 90 °C (cable, fixed installation)
	-20 °C ... 90 °C (Cable, flexible installation)
Signal type/category	AS-Interface
Ambient temperature (operation)	-30 °C ... 90 °C (fixed routing)
	-20 °C ... 90 °C (Flexibly installed)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 90 °C (Flexibly installed)
	-30 °C ... 90 °C (fixed routing)
Ambient temperature (storage/transport)	-30 °C ... 90 °C
Ambient temperature (assembly)	-20 °C ... 90 °C

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Approvals

EAC
Approval ID: RU D-DE.HB35.B.00385

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Classifications

ECLASS

ECLASS-9.0	27062002
ECLASS-10.0.1	27060106
ECLASS-11.0	27061801

ETIM

ETIM 8.0	EC003249

UNSPSC

UNSPSC 21.0	26121600

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Flat-ribbon conductor - VS-ASI-FC-PVC-UL-BK 100M

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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Stripping tool

Stripping tool - WIREFOX ASI - 1212154

https://www.phoenixcontact.com/gb/products/1212154



Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

Seal

Seal - ASI SACB KABEL-ENDDICHTUNG - 1692336

https://www.phoenixcontact.com/gb/products/1692336



End sealing for AS-Interface flat-ribbon conductor, can be used on both sides, color:Black

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Flat-ribbon conductor - VS-ASI-FC-PVC-UL-BK 100M

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Fastening clip

Fastening clip - VS-ASI-2FC-FIX - 1404757

https://www.phoenixcontact.com/gb/products/1404757



Fastening clip for two AS-Interface flat conductors, self-adhesive and with a 3 mm hole for additional fastening, plastic, gray

Panel feed-through

Panel feed-through - Q 1,5/4A50/24-M20KU-ESA-ASI BK - 1437274

https://www.phoenixcontact.com/gb/products/1437274



Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat-ribbon conductors, on the rear side with four 0.5 m long individual wires 1.5 mm^2

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Flat-ribbon conductor - VS-ASI-FC-PVC-UL-BK 100M

1404919

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Conductor connectors

Conductor connectors - Q 1,5/4IDC/24-24KU-KU-ASI-BK - 1585058

https://www.phoenixcontact.com/gb/products/1585058



Flat conductor connector with QUICKON fast connection technology, 4-pos., for connecting one or two AS-interface flat conductors

Panel feed-through

Panel feed-through - Q 1,5/4FL/24-M20KU-ESA-ASI BK - 1437261

https://www.phoenixcontact.com/gb/products/1437261



Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat conductors, on the rear side with manual solder/slip-on connection 4.8 x 0.8 mm

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