

Flat-ribbon conductor - VS-ASI-FC-PVC-UL-BK/1000 - 1404870


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AS-Interface PVC flat conductor with UL in black, for additional power supply, 2 x 1.5 mm², 1000 m on an one-way drum



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 327602
GTIN	4046356327602

Technical data

Mechanical characteristics

Number of positions	2
Shielded	no
Type of cable	Flat-ribbon conductor
Cable structure	2x 1.5 mm ²
Length of cable	1000 m

Ambient conditions

Ambient temperature (operation)	-30 °C ... 90 °C (fixed routing)
	-20 °C ... 90 °C (Flexibly installed)
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
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Electrical characteristics

Rated surge voltage	2 kV
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Line characteristics

Type of cable	Flat-ribbon conductor
Cable structure	2x 1.5 mm ²
Conductor cross section	1.5 mm ²
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	≥ 1 MΩ*km
Conductor resistance	≤ 13.7 Ω/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	≥ 6 mm (one-time)
Traversing direction	horizontal, above the broadside
Max. bending cycles	8000000
Bending radius	75 mm
Traversing rate	4 m/s
Acceleration	4 m/s ²
Traversing direction	vertical, above the broadside
Max. bending cycles	10000000
Bending radius	50 mm
Special properties	UL type CL2 accord. to UL 13 and NEC Article 725
	UL type CMG accord. to UL 444 and NEC Article 800
Flame resistance	UL 1581, Sec. 1061 (Cable Flame)
	UL 1581, Sec. 1060 (FT-1)
	UL 1685 (CSA FT 4)
	IEC 60332-1-2
Halogen-free	no
Resistance to oil	UL 1581, Sec. 480 (60 °C)
Other resistance	UV resistant
Ambient temperature (operation)	-30 °C ... 90 °C (cable, fixed installation)
	-20 °C ... 90 °C (cable, flexible installation)

Environmental Product Compliance

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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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