

Power cable - VS-PN-CABLE-1020/PVC-5X2,5/100 - 1609523


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PROFINET power cable, 5x 2.5 mm², stranded (7-wire), outer sheath: PVC, outside diameter 11.8 mm, RAL 7001 (silver gray), oil-resistant, cable ring: 100 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 166881
GTIN	4046356166881

Technical data

Mechanical characteristics

Weight	24070 g
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 70 °C (cable, flexible installation)

Line characteristics

Cable type	PVC gray
Conductor cross section	5x 2.5 mm ²
AWG power supply	14
Conductor structure, voltage supply	50x 0.25 mm
External cable diameter	11.8 mm
Wire colors	blue, brown, black, gray, green/yellow
External sheath, color	gray RAL 7001
Insulation resistance	> 0.2 MΩ*km
Nominal voltage, cable	750 V
	1000 V (Fixed, protected installation)
Test voltage, cable	4000 V
Overall twist	5 cores, twisted

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Technical data

Line characteristics

Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	242 kg/km
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	15 x D
cable layer type	Indoors
Flame resistance	according to IEC 60332-1-2
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 70 °C (cable, flexible installation)

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 10.0.1	27060390
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801
eCl@ss 9.0	27061801

ETIM

ETIM 3.0	EC001578
ETIM 4.0	EC001578
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249

UNSPSC

UNSPSC 6.01	26121616
UNSPSC 7.0901	26121616
UNSPSC 11	26121604
UNSPSC 12.01	31261501
UNSPSC 13.2	26121604
UNSPSC 18.0	26121604

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Classifications

UNSPSC

UNSPSC 19.0	26121604
UNSPSC 20.0	26121604
UNSPSC 21.0	26121604

Approvals

Approvals

Approvals

EAC-RoHS / EAC

Ex Approvals

Approval details

EAC-RoHS		RU D- DE.HB35.B.00385
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EAC		RU C- DE.BL08.B.00286
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Accessories

Accessories

Cable end sleeve

Ferrule - AI 2,5 -10 BU - 3202533



Ferrule, sleeve length: 10 mm, length: 17 mm, color: blue

Data plug

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Accessories

Power connectors - CUC-PPC-C2ZNI-SX/24FKP5 - 1421783



Power connectors, degree of protection: IP65/IP67, number of positions: 5, material: Zinc die-cast, connection cross section: AWG 18- 13, cable outlet: straight

Power connectors - CUC-PPC-C2ZNI-SX/24FKP5:FC - 1425514



Power connectors, degree of protection: IP65/IP67, number of positions: 5, material: Zinc die-cast, connection cross section: AWG 18- 13, cable outlet: straight

Tool - CRIMPFOX ZA 3 - 1201882



Crimping pliers, for ferrules in accordance with DIN 46228-1: 1992-08 and DIN 46228-4: 1990-09

Additional products

Panel feed-through - CUC-V14-F2ZNI-EM/24FN5:FC - 1408235



Push/pull panel mounting frame, metal, version 14, including contact insert with spring-cage connection, flexible coding, for rectangular mounting cutout, with seal, without fixing screws

Panel mounting frames - CUC-V14-F2ZNI-SC/24FN5:FC - 1409036



MSTB panel mounting frame, IP67, for push-pull interlocking, metal, with integrated contact insert for conductor connection, spring-cage connection, 24 V, for round mounting cutout, with seal, without mounting screws

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[CR3909-000](#) [CR3927-000](#) [01342.35T.01](#) [01364.35T.01](#) [003201-000](#) [CS2885-000](#) [CS8782-000](#) [CS9912-000](#) [6200UE-NAT-U1000](#) [CTC-](#)
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