

CABLE-D15SUB/B/S/600/KONFEK/S - Cable



2302117

<https://www.phoenixcontact.com/in/products/2302117>

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Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 6 m

Commercial Data

Item number	2302117
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	CK2
Product Key	CK2135
Catalog Page	Page 570 (C-5-2019)
GTIN	4017918893071
Weight per Piece (including packing)	674 g
Weight per Piece (excluding packing)	638.5 g
Customs tariff number	85444290
Country of origin	HU

Technical Data

Product properties

Product type	System cable
Insulation characteristics	
Insulation	Functional insulation
Insulation characteristics: Air clearances and creepage distances	
Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-40 °C ... 70 °C (fixed installation) -10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m

Electrical properties

Max. permissible operating voltage	25 V AC
	60 V DC
Nominal operating mode	100% operating factor
Max. current carrying capacity per path	2 A (see to derating)

Air clearances and creepage distances

Rated insulation voltage	125 V
Rated surge voltage	1.2 kV

Cable/line

Cable length	6 m
15X0.25 [PVC]	
Number of positions	15
Shielded	yes
Cable type	15X0.25 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross section	15x 0.25 mm ²
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	7.9 mm ±0.5 mm

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Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	≤ 80 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (at 20 °C)
Smallest bending radius, fixed installation	67 mm
Smallest bending radius, movable installation	126 mm
Max. bending cycles	5000 (at a radius of ≥ 15x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

color code

D-SUB15 (1)	D-SUB15 (1) = white
D-SUB15 (2)	D-SUB15 (2) = brown
D-SUB15 (3)	D-SUB15 (3) = green
D-SUB15 (4)	D-SUB15 (4) = yellow
D-SUB15 (5)	D-SUB15 (5) = gray
D-SUB15 (6)	D-SUB15 (6) = pink
D-SUB15 (7)	D-SUB15 (7) = blue
D-SUB15 (8)	D-SUB15 (8) = red
D-SUB15 (9)	D-SUB15 (9) = black
D-SUB15 (10)	D-SUB15 (10) = violet
D-SUB15 (11)	D-SUB15 (11) = gray-pink
D-SUB15 (12)	D-SUB15 (12) = red-blue
D-SUB15 (13)	D-SUB15 (13) = white-green
D-SUB15 (14)	D-SUB15 (14) = brown-green
D-SUB15 (15)	D-SUB15 (15) = white-yellow

Connection data

Field level

Connection method	D-SUB pin strip
Number of connections	1
Number of positions	15
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200

Controller level

Connection method	D-SUB socket strip
Number of connections	1

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Number of positions	15
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200

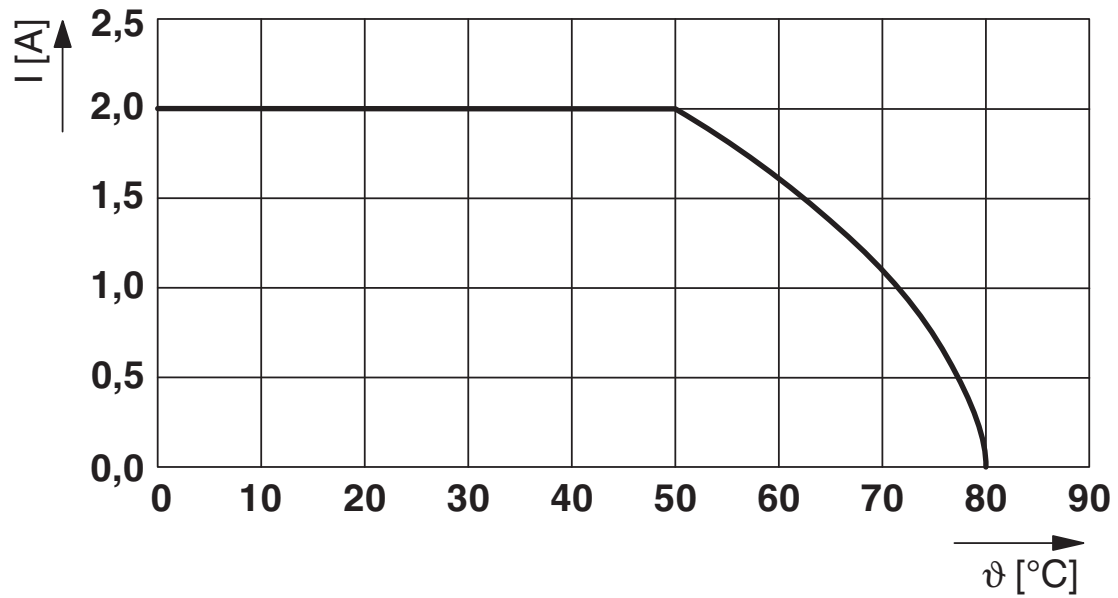
Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
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Drawings

Diagram



Maximum permissible current per path in uncoiled state


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Approvals

 **CSA**
Approval ID: 70002966

 **cUL Recognized**
Approval ID: FILE E 238705

 **UL Recognized**
Approval ID: FILE E 238705

 **EAC**
Approval ID: RU*-DE.HB*35.B00385

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Classifications

ECLASS

ECLASS-10.0.1	27242220
ECLASS-11.0	27242220
ECLASS-12.0	27242220
ECLASS-13.0	27242220

ETIM

ETIM 8.0	EC000237
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UNSPSC

UNSPSC 21.0	26121600
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

KME - Cable marker carrier

0807083

<https://www.phoenixcontact.com/in/products/0807083>



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 x 8 mm

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