CABLE-D15SUB/B/S/100/KONFEK/S - Cable

2302065

https://www.phoenixcontact.com/us/products/2302065

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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: 1 m

Commercial data

Item number	2302065
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	CK2135
Catalog page	Page 570 (C-5-2019)
GTIN	4017918893026
Weight per piece (including packing)	160.2 g
Weight per piece (excluding packing)	160.2 g
Customs tariff number	85444290
Country of origin	HU

Technical data

Product properties

Product type	System cable

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

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 2 A (Uncoiled, see derating)

Cable/line

Cable length	1 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 mm²
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	7.90 mm ±0.5 mm
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
	IEC 60332-1-2 (raw cable)

Flame resistance	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)
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

Connection 1

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB socket strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	15
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.74 mm

Connection 2

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB pin strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	15
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.74 mm

Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000237

UNSPSC

UNSPSC 21.0	26121600

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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