

# CABLE-D15SUB/S/S/ 720/KONFEK/S - Cable



2902259

<https://www.phoenixcontact.com/us/products/2902259>

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Assembled, shielded round cable, with two 15-pos. D-SUB pin strips (1:1 connection), cable length: 7.20 m

## Your advantages

- 15-pos.

## Commercial data

Item number	2902259
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	DK2AZZ
GTIN	4046356649919
Weight per piece (including packing)	786.2 g
Weight per piece (excluding packing)	768.2 g
Country of origin	DE

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## Technical data

### Product properties

Product type	System cable
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#### 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) (fixed installation)	-40 °C ... 70 °C (fixed installation)
Ambient temperature (operation) (flexible 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 (uncoiled)

#### Air clearances and creepage distances

Rated insulation voltage	125 V
Rated surge voltage	1.2 kV

### Cable/line

Cable length	7.2 m
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#### 15X0.25 [PVC]

UL AWM Style	2464/1061
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 <sup>2</sup>
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

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External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	$\leq 80 \Omega/\text{km}$ (at 20 °C)
Insulation resistance	$\geq 20 \text{ M}\Omega \cdot \text{km}$ (at 20 °C)
Smallest bending radius, fixed installation	67 mm
Smallest bending radius, movable installation	126 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000 (at a radius of $\geq 15x$ 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)
Cable type	Cable for one module

## Connection data

### Field level

Connection in acc. with standard	DIN 41652/IEC 60807-2
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	15
Insertion/withdrawal cycles	> 200

### Controller level

Connection in acc. with standard	DIN 41652/IEC 60807-2
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	15
Insertion/withdrawal cycles	> 200

## Standards and regulations

### Air clearances and creepage distances

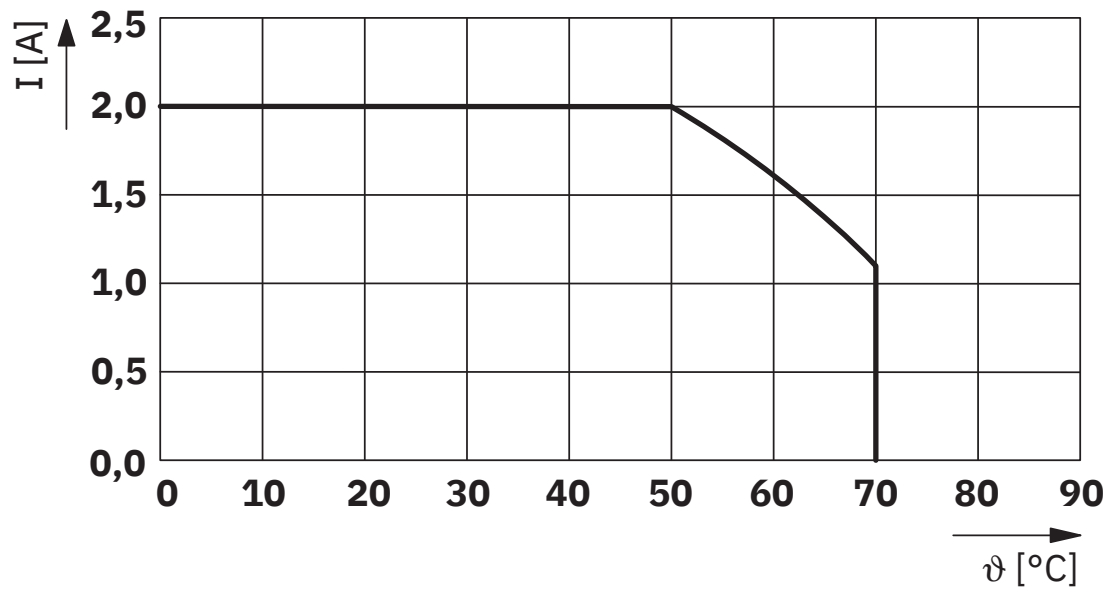
Standards/regulations	DIN EN 50178
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## Notes

Notes on operation	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.
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Drawings

Diagram



Maximum permissible current per path in uncoiled state

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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