

FLKM-D15 SUB/S/2D9SUB/SO27 - Cable



2298425

<https://www.phoenixcontact.com/us/products/2298425>

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Assembled cable, with a 15-pos. D-SUB pin strip and each with a 9-pos. D-SUB female connector/pin strip

Commercial data

Item number	2298425
Packing unit	1 pc
Minimum order quantity	23 pc
Note	Made to order (non-returnable)
Product key	DK2A82
GTIN	4017918592202
Weight per piece (including packing)	159.5 g
Weight per piece (excluding packing)	159.5 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)	-20 °C ... 50 °C
Altitude	≤ 2000 m

Electrical properties

Operating voltage (AC/DC)	≤ 24 V AC/DC
Current (Per path, 50°C)	≤ 1 A (Data transmission wires, ambient temperature up to 50 °C)
Current (Per path, 70°C)	≤ 2.5 A (Power supply wires, ambient temperature up to 50 °C)

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μs)

Cable/line

Cable length	0.5 m
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Connection data

D-SUB connection

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

D-SUB connection

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB pin strip
Number of connections	1

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Number of positions	9
Insertion/withdrawal cycles	> 200

D-SUB connection

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB socket strip
Number of connections	1
Number of positions	9
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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Classifications

UNSPSC

UNSPSC 21.0	26121620
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

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.)	Lead(CAS: 7439-92-1)
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