

Cable - CABLE-D-37SUB/F/OE/0,25/S/15M - 2906218

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Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 15 m

Your advantages

- ✓ Individual wire marking: 1, 2, 3, 4, etc.
- ✓ Individual wires fitted with ferrules
- ✓ Connector according to IEC 60807-2/DIN 41652
- ✓ 1:1 connection
- ✓ Open end at one end
- ✓ Screw connection: 2 UNC 4-40 screws
- ✓ D-SUB socket or pin strip at one end
- ✓ Shield connection: H05V-K 1 mm² cable, black, length: 0.5 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 051048
GTIN	4055626051048

Technical data

Dimensions

Length	15 m
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Ambient conditions

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

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Technical data

General

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

Cable

Cable type	Assembled shielded round cable
Cable cross section	37x 0.25 mm²
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor material	Bare Cu litz wires
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	10.8 mm ±0.5 mm
Shielded	yes
Shielding	Tinned copper-braided shield, approx. 85% covering
Halogen-free	no
Smallest bending radius, fixed installation	90 mm
Smallest bending radius, movable installation	170 mm
Bending cycles group	5000 at a radius of ≥ 15x outside diameter
Insulation resistance	≥ 20 MΩ*km (at 20 °C)
Cable resistance	≤ 80 Ω/km (at 20 °C)
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
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)
Gasoline resistance	can withstand occasional splashes (raw cable)

Connection data

Connection name	Field level
Connection method	D-SUB socket strip
Number of connections	1
Number of positions	37
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200

Connection data 2

Connection name	Controller level
Connection method	Single wires

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Technical data

Connection data 2

Number of positions	37
Note	The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

Supported controller

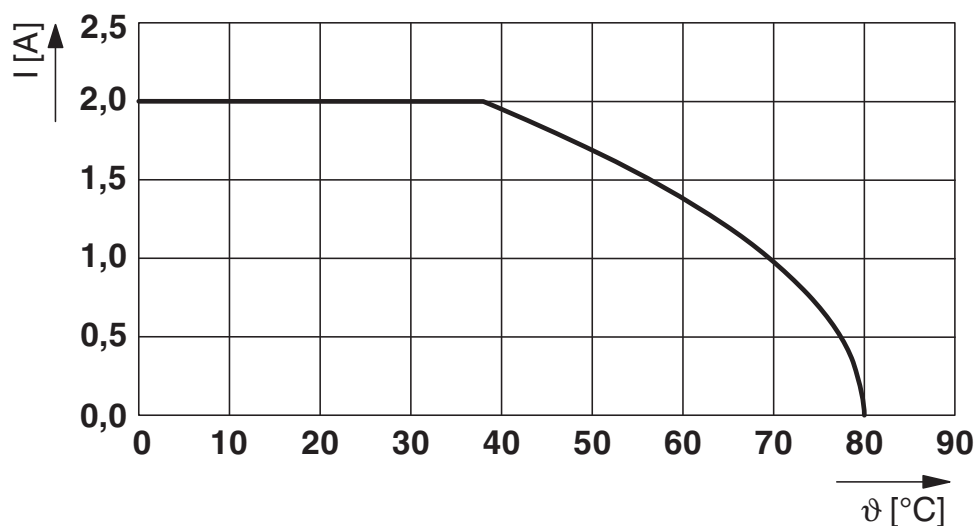
Controller	universal
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Environmental Product Compliance

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"

Drawings

Diagram



Maximum permissible current per path in uncoiled state

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Classifications

eCl@ss

eCl@ss 10.0.1	27242220
eCl@ss 11.0	27242220
eCl@ss 5.0	27242200
eCl@ss 5.1	27242200
eCl@ss 6.0	27249200
eCl@ss 7.0	27249205
eCl@ss 9.0	27242220

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 6.0	EC000237
ETIM 7.0	EC000237

UNSPSC

UNSPSC 13.2	26121620
UNSPSC 18.0	26121620
UNSPSC 19.0	26121620
UNSPSC 20.0	26121620
UNSPSC 21.0	26121600

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	70002966
Nominal voltage UN	125 V		
Nominal current IN	1 A		

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		2 A	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		2 A	

EAC		RU*- DE.HB*35.B00385
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cULus Recognized	
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