

Cable - CABLE-D25SUB/B/S/600/KONFEK/S - 2302188

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Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 6 m

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4017918893149

Technical data

General

Nominal voltage U_N	25 V AC
	60 V DC
Max. current carrying capacity per path	2 A
Max. conductor resistance	$\leq 0.09 \Omega/m$
Length of cable	6 m
Single wire, cross section	0.25 mm ²
Single wire, cross section [AWG]	24
External diameter	10.5 mm
Shielding	yes
	Tinned copper-braided shield, approx. 85% covering
Insertion/withdrawal cycles	> 200

Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

Connector 1

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Technical data

Connector 1

Connection name	Field level
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	25

Connector 2

Connection name	Controller level
Connection method	D-SUB socket strip
Number of connections	1
Number of positions	25

Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DI810
	DI811
	DI814
	DI818
	DI830
	DI831
	DI840
	DI885
	DO810
	DO814
	DO818
	DO840
	DP820
	DP840
	AI810
	AI820
	AI830
	AI835
	AI845
	AO810
	AO820

Color code

Connector 1 = connector 2 (optional) = wire color	D-SUB25 (1) = D-SUB25 (1) = white
	D-SUB25 (2) = D-SUB25 (2) = brown
	D-SUB25 (3) = D-SUB25 (3) = green
	D-SUB25 (4) = D-SUB25 (4) = yellow
	D-SUB25 (5) = D-SUB25 (5) = gray
	D-SUB25 (6) = D-SUB25 (6) = pink

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Technical data

Color code

	D-SUB25 (7) = D-SUB25 (7) = blue
	D-SUB25 (8) = D-SUB25 (8) = red
	D-SUB25 (9) = D-SUB25 (9) = black
	D-SUB25 (10) = D-SUB25 (10) = violet
	D-SUB25 (11) = D-SUB25 (11) = gray-pink
	D-SUB25 (12) = D-SUB25 (12) = red-blue
	D-SUB25 (13) = D-SUB25 (13) = white-green
	D-SUB25 (14) = D-SUB25 (14) = brown-green
	D-SUB25 (15) = D-SUB25 (15) = white-yellow
	D-SUB25 (16) = D-SUB25 (16) = yellow-brown
	D-SUB25 (17) = D-SUB25 (17) = white-gray
	D-SUB25 (18) = D-SUB25 (18) = gray-brown
	D-SUB25 (19) = D-SUB25 (19) = white-pink
	D-SUB25 (20) = D-SUB25 (20) = pink-brown
	D-SUB25 (21) = D-SUB25 (21) = white-blue
	D-SUB25 (22) = D-SUB25 (22) = brown-blue
	D-SUB25 (23) = D-SUB25 (23) = white-red
	D-SUB25 (24) = D-SUB25 (24) = brown-red
	D-SUB25 (25) = D-SUB25 (25) = white-black

Standards and Regulations

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1
Connection in acc. with standard	CUL

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

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


Ex Approvals


Approval details


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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	

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

EAC			RU C- DE.A*30.B00767
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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