

Cable - CABLE-D25SUB/B/2X14/100/TU812 - 2304649

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Round cable set; controller: ABB S800 I/O; connection 1: D-SUB socket strip (1x 25-position); connection 2: IDC/FLK socket strip (2x 14-position); cable length: 1 m



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918951368

Technical data

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

General

Max. permissible operating voltage	25 V AC
	60 V DC
Max. current carrying capacity per path	1 A
Length of cable	1 m
External cable diameter	6.3 mm
Single wire, cross section	0.14 mm ²
Single wire, cross section [AWG]	26
Single wire, number of litz wires	7
Single wire, material	Cu tin-plated
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	no

Connection data

Connection name	Field level
Connection method	IDC/FLK socket strip

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Technical data

Connection data

Number of connections	2
Number of positions	14
Pitch	2.54 mm

Connection data 2

Connection name	Controller level
Connection method	D-SUB socket strip
Number of connections	1
Number of positions	25
Channels which can be connected	16

Standards and Regulations

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DI810
	DI811
	DI814
	DI818
	DI830
	DI831
	DI840
	DI885
	DO810
	DO814
	DO818
	DO840

Color code

Connector 1 = connector 2 (optional) = wire color	D-SUB25 (1) = IDC/FLK14-1 (9) = gray
	D-SUB25 (2) = IDC/FLK14-1 (10) = white
	D-SUB25 (3) = IDC/FLK14-1 (1) = black
	D-SUB25 (4) = IDC/FLK14-1 (3) = red
	D-SUB25 (5) = IDC/FLK14-1 (5) = yellow
	D-SUB25 (6) = IDC/FLK14-1 (7) = blue
	D-SUB25 (7) = IDC/FLK14-2 (1) = black
	D-SUB25 (8) = IDC/FLK14-2 (3) = red
	D-SUB25 (9) = IDC/FLK14-2 (5) = yellow
	D-SUB25 (10) = IDC/FLK14-2 (7) = blue
	D-SUB25 (11) = IDC/FLK14-2 (9) = gray
	D-SUB25 (12) = IDC/FLK14-2 (10) = white

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Color code

	D-SUB25 (13) =
	D-SUB25 (14) = IDC/FLK14-1 (11) = white-black
	D-SUB25 (15) = IDC/FLK14-1 (12) = white-brown
	D-SUB25 (16) = IDC/FLK14-1 (2) = brown
	D-SUB25 (17) = IDC/FLK14-1 (4) = orange
	D-SUB25 (18) = IDC/FLK14-1 (6) = green
	D-SUB25 (19) = IDC/FLK14-1 (8) = violet
	D-SUB25 (20) = IDC/FLK14-2 (2) = brown
	D-SUB25 (21) = IDC/FLK14-2 (4) = orange
	D-SUB25 (22) = IDC/FLK14-2 (6) = green
	D-SUB25 (23) = IDC/FLK14-2 (8) = violet
	D-SUB25 (24) = IDC/FLK14-2 (11) = white-black
	D-SUB25 (25) = IDC/FLK14-2 (12) = white-brown

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 10.0.1	27242220
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27242200
eCl@ss 5.1	27242200
eCl@ss 6.0	27249200
eCl@ss 7.0	27249205
eCl@ss 8.0	27249205
eCl@ss 9.0	27242220

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237
ETIM 6.0	EC000237
ETIM 7.0	EC000237

UNSPSC

UNSPSC 6.01	26121620
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Classifications

UNSPSC

UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620
UNSPSC 18.0	26121620
UNSPSC 19.0	26121620
UNSPSC 20.0	26121620
UNSPSC 21.0	26121620

Approvals


Approvals


Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

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

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

EAC		RU*- DE.HB*35.B00385
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Approvals

cULus Listed



Accessories

Accessories

Marker carrier cable

Cable marker carrier - KME - 0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable binders, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

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[SHD15P15S-036](#) [SHD15P15S-060](#) [ACL-10137-2MM](#) [RB09P09P-024](#) [319285-3](#) [RS422-OM2](#) [SHD26P26S-060](#) [SHD44P44S-036](#) [73-](#)
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