


Cable - CABLE-D50SUB/B/S/ 50/KONFEK/S - 2302269

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 0.5 m

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 894795
GTIN	4017918894795

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	0.5 m
Single wire, cross section	0.25 mm ²
Single wire, cross section [AWG]	24
External diameter	13.5 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

Cable - CABLE-D50SUB/B/S/ 50/KONFEK/S - 2302269

Technical data

Connector 1

Connection name	Field level
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	50

Connector 2

Connection name	Controller level
Connection method	D-SUB socket strip
Number of connections	1
Number of positions	50

Supported controller

Controller	universal
------------	-----------

Color code

Connector 1 = connector 2 (optional) = wire color	D-SUB50 (1) = D-SUB50 (1) = white
	D-SUB50 (2) = D-SUB50 (2) = brown
	D-SUB50 (3) = D-SUB50 (3) = green
	D-SUB50 (4) = D-SUB50 (4) = yellow
	D-SUB50 (5) = D-SUB50 (5) = gray
	D-SUB50 (6) = D-SUB50 (6) = pink
	D-SUB50 (7) = D-SUB50 (7) = blue
	D-SUB50 (8) = D-SUB50 (8) = red
	D-SUB50 (9) = D-SUB50 (9) = black
	D-SUB50 (10) = D-SUB50 (10) = violet
	D-SUB50 (11) = D-SUB50 (11) = gray-pink
	D-SUB50 (12) = D-SUB50 (12) = red-blue
	D-SUB50 (13) = D-SUB50 (13) = white-green
	D-SUB50 (14) = D-SUB50 (14) = brown-green
	D-SUB50 (15) = D-SUB50 (15) = white-yellow
	D-SUB50 (16) = D-SUB50 (16) = yellow-brown
	D-SUB50 (17) = D-SUB50 (17) = white-gray
	D-SUB50 (18) = D-SUB50 (18) = gray-brown
	D-SUB50 (19) = D-SUB50 (19) = white-pink
	D-SUB50 (20) = D-SUB50 (20) = pink-brown
	D-SUB50 (21) = D-SUB50 (21) = white-blue
	D-SUB50 (22) = D-SUB50 (22) = brown-blue
	D-SUB50 (23) = D-SUB50 (23) = white-red
	D-SUB50 (24) = D-SUB50 (24) = brown-red
	D-SUB50 (25) = D-SUB50 (25) = white-black
	D-SUB50 (26) = D-SUB50 (26) = brown-black
	D-SUB50 (27) = D-SUB50 (27) = gray-green

Cable - CABLE-D50SUB/B/S/ 50/KONFEK/S - 2302269

Technical data

Color code

	D-SUB50 (28) = D-SUB50 (28) = yellow-gray
	D-SUB50 (29) = D-SUB50 (29) = pink-green
	D-SUB50 (30) = D-SUB50 (30) = yellow-pink
	D-SUB50 (31) = D-SUB50 (31) = green-blue
	D-SUB50 (32) = D-SUB50 (32) = yellow-blue
	D-SUB50 (33) = D-SUB50 (33) = green-red
	D-SUB50 (34) = D-SUB50 (34) = yellow-red
	D-SUB50 (35) = D-SUB50 (35) = green-black
	D-SUB50 (36) = D-SUB50 (36) = yellow-black
	D-SUB50 (37) = D-SUB50 (37) = gray-blue
	D-SUB50 (38) = D-SUB50 (38) = pink-blue
	D-SUB50 (39) = D-SUB50 (39) = gray-red
	D-SUB50 (40) = D-SUB50 (40) = pink-red
	D-SUB50 (41) = D-SUB50 (41) = gray-black
	D-SUB50 (42) = D-SUB50 (42) = pink-black
	D-SUB50 (43) = D-SUB50 (43) = blue-black
	D-SUB50 (44) = D-SUB50 (44) = red-black
	D-SUB50 (45) = D-SUB50 (45) = white-brown-black
	D-SUB50 (46) = D-SUB50 (46) = yellow-green-black
	D-SUB50 (47) = D-SUB50 (47) = gray-pink-black
	D-SUB50 (48) = D-SUB50 (48) = blue-red-black
	D-SUB50 (49) = D-SUB50 (49) = white-green-black
	D-SUB50 (50) = D-SUB50 (50) = green-brown-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

Approvals


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


Cable - CABLE-D50SUB/B/S/ 50/KONFEK/S - 2302269


Approvals


Ex Approvals

Approval details

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
-----	---	--	-------------------------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
------------------	---	---

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
 Flachsmarktstr. 8
 32825 Blomberg
 Germany
 Tel. +49 5235 300
 Fax +49 5235 3 41200
<http://www.phoenixcontact.com>