

CABLE-FCN40/4X14/ 3,0M/S7-OUT - Cable



2321208

<https://www.phoenixcontact.com/us/products/2321208>

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 documentation. Our general terms of use for downloads are valid.



Round cable set; controller: Siemens S7-300 (6ES7 322-1BP00-0AA0 and 6ES7 322-1BP50-0AA0 (negative switching)); connection 1: Fujitsu connector (1x 40-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 3 m

Your advantages

- Signal transfer of 4 x 8 channels
- Splitting cable: 40-pos. connector to four 14-pos. flat-ribbon cable strips

Commercial data

Item number	2321208
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2147
Catalog page	Page 505 (C-5-2019)
GTIN	4046356332002
Weight per piece (including packing)	631.8 g
Weight per piece (excluding packing)	604.2 g
Customs tariff number	85444290
Country of origin	DE

CABLE-FCN40/4X14/ 3,0M/S7-OUT - Cable



2321208

<https://www.phoenixcontact.com/us/products/2321208>

Technical data

Product properties

Product type	System cable
--------------	--------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-40 °C ... 70 °C (fixed installation) -10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (Per path, 50°C)	≤ 1 A (Uncoiled, see derating)
Current (Per path, 70°C)	≤ 0.6 A (Uncoiled, see derating)

Supported controller SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7322-1BP50-0AA0 6ES7322-1BP00-0AA0
-------------------	--

Cable/line

Cable length	3 m
--------------	-----

10X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	10
Shielded	no
Cable type	10X0.14 [PVC]
Conductor type	Round cable set
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	10x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	6.10 mm ±0.4 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)

CABLE-FCN40/4X14/ 3,0M/S7-OUT - Cable



2321208

<https://www.phoenixcontact.com/us/products/2321208>

Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	98 mm
Max. bending cycles	5000
Halogen-free	no
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)
Fujitsu40 (A1)	IDC/FLK14-1 (1) = black
Fujitsu40 (A2)	IDC/FLK14-1 (2) = brown
Fujitsu40 (A3)	IDC/FLK14-1 (3) = red
Fujitsu40 (A4)	IDC/FLK14-1 (4) = orange
Fujitsu40 (A5)	IDC/FLK14-1 (5) = yellow
Fujitsu40 (A6)	IDC/FLK14-1 (6) = green
Fujitsu40 (A7)	IDC/FLK14-1 (7) = blue
Fujitsu40 (A8)	IDC/FLK14-1 (8) = violet
Fujitsu40 (A9)	IDC/FLK14-1 (10) = white
Fujitsu40 (A10)	IDC/FLK14-1 (9) = gray
Fujitsu40 (A11)	IDC/FLK14-2 (1) = black
Fujitsu40 (A12)	IDC/FLK14-2 (2) = brown
Fujitsu40 (A13)	IDC/FLK14-2 (3) = red
Fujitsu40 (A14)	IDC/FLK14-2 (4) = orange
Fujitsu40 (A15)	IDC/FLK14-2 (5) = yellow
Fujitsu40 (A16)	IDC/FLK14-2 (6) = green
Fujitsu40 (A17)	IDC/FLK14-2 (7) = blue
Fujitsu40 (A18)	IDC/FLK14-2 (8) = violet
Fujitsu40 (A19)	IDC/FLK14-2 (10) = white
Fujitsu40 (A20)	IDC/FLK14-2 (9) = gray
Fujitsu40 (B1)	IDC/FLK14-3 (1) = black
Fujitsu40 (B2)	IDC/FLK14-3 (2) = brown
Fujitsu40 (B3)	IDC/FLK14-3 (3) = red
Fujitsu40 (B4)	IDC/FLK14-3 (4) = orange
Fujitsu40 (B5)	IDC/FLK14-3 (5) = yellow
Fujitsu40 (B6)	IDC/FLK14-3 (6) = green
Fujitsu40 (B7)	IDC/FLK14-3 (7) = blue
Fujitsu40 (B8)	IDC/FLK14-3 (8) = violet
Fujitsu40 (B9)	IDC/FLK14-3 (10) = white
Fujitsu40 (B10)	IDC/FLK14-3 (9) = gray
Fujitsu40 (B11)	IDC/FLK14-4 (1) = black
Fujitsu40 (B12)	IDC/FLK14-4 (2) = brown
Fujitsu40 (B13)	IDC/FLK14-4 (3) = red
Fujitsu40 (B14)	IDC/FLK14-4 (4) = orange

CABLE-FCN40/4X14/ 3,0M/S7-OUT - Cable



2321208

<https://www.phoenixcontact.com/us/products/2321208>

Fujitsu40 (B15)	IDC/FLK14-4 (5) = yellow
Fujitsu40 (B16)	IDC/FLK14-4 (6) = green
Fujitsu40 (B17)	IDC/FLK14-4 (7) = blue
Fujitsu40 (B18)	IDC/FLK14-4 (8) = violet
Fujitsu40 (B19)	IDC/FLK14-4 (10) = white
Fujitsu40 (B20)	IDC/FLK14-4 (9) = gray

Connection data

Connection 1

Connection method	Fujitsu connector
Type	FCN 367
Number of connections	1
Number of positions	40
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 2

Connection in acc. with standard	based on IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	4
Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Notes

General	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.
---------	--

CABLE-FCN40/4X14/ 3,0M/S7-OUT - Cable



2321208

<https://www.phoenixcontact.com/us/products/2321208>

Classifications

ECLASS

ECLASS-11.0	27242220
ECLASS-12.0	27242220
ECLASS-13.0	27242220

ETIM

ETIM 9.0	EC000237
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

CABLE-FCN40/4X14/ 3,0M/S7-OUT - Cable



2321208

<https://www.phoenixcontact.com/us/products/2321208>

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"

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com