

2321101

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Round cable set; controller: Siemens S7-300 (6ES7 321-1BP00-0AA0, plus-reading operation); connection 1: Fujitsu connector (1x 40-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

Your advantages

- Signal transfer of 1 x 32 channels
- System cable: 40-pos. connector to 50-pos. flat-ribbon cable strip

Commercial data

Item number	2321101
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK226S
GTIN	4046356331838
Weight per piece (including packing)	173.2 g
Weight per piece (excluding packing)	171.2 g
Customs tariff number	85444290
Country of origin	DE



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Technical data

Product properties

Product type	System cable
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation) (fixed installation)	-40 °C 70 °C (fixed installation)
Ambient temperature (operation) (flexible 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

Cable/line

Cable length	1 m
Cable length	1 m

40X0.14 [PVC]

2464/1061
40
no
40X0.14 [PVC]
Round cable set
7x 0.16 mm
26
40x 0.14 mm²
1 mm ±0.03 mm
9.90 mm ±0.4 mm
Semi-rigid PVC
gray
Tin-plated Cu litz wires
≤ 145 Ω/km (20 °C)
≥ 20 MΩ*km (20 °C)
82 mm



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Smallest bending radius, movable installation	155 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000 (at a radius of ≥ 15x outside diameter)
lalogen-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)
Cable type	Cable for one module
or code: Single-core wire	
lack	Fujitsu40 (A1) = IDC/FLK50 (3)
ed	Fujitsu40 (A2) = IDC/FLK50 (4)
ellow	Fujitsu40 (A3) = IDC/FLK50 (5)
lue	Fujitsu40 (A4) = IDC/FLK50 (6)
ray	Fujitsu40 (A5) = IDC/FLK50 (7)
/hite-black	Fujitsu40 (A6) = IDC/FLK50 (8)
hite-red	Fujitsu40 (A7) = IDC/FLK50 (9)
hite-yellow	Fujitsu40 (A8) = IDC/FLK50 (10)
/hite-blue	Fujitsu40 (A9) = IDC/FLK50 (11)
vhite-gray	Fujitsu40 (A10) = IDC/FLK50 (15)
rown-red	Fujitsu40 (A11) = IDC/FLK50 (16)
rown-yellow	Fujitsu40 (A12) = IDC/FLK50 (17)
rown-blue	Fujitsu40 (A13) = IDC/FLK50 (18)
rown-gray	Fujitsu40 (A14) = IDC/FLK50 (19)
reen-black	Fujitsu40 (A15) = IDC/FLK50 (20)
reen-red	Fujitsu40 (A16) = IDC/FLK50 (21)
reen-blue	Fujitsu40 (A17) = IDC/FLK50 (22)
reen-gray	Fujitsu40 (A18) = IDC/FLK50 (23)
ellow-black	Fujitsu40 (A19) = IDC/FLK50 ()
ellow-red	Fujitsu40 (A20) = IDC/FLK50 ()
rown	Fujitsu40 (B1) = IDC/FLK50 (27)
range	Fujitsu40 (B2) = IDC/FLK50 (28)
reen	Fujitsu40 (B3) = IDC/FLK50 (29)
iolet	Fujitsu40 (B4) = IDC/FLK50 (30)
/hite	Fujitsu40 (B5) = IDC/FLK50 (31)
hite-brown	Fujitsu40 (B6) = IDC/FLK50 (32)
hite-orange	Fujitsu40 (B7) = IDC/FLK50 (33)
hite-green	Fujitsu40 (B8) = IDC/FLK50 (34)
hite-violet	Fujitsu40 (B9) = IDC/FLK50 (35)
rown-black	Fujitsu40 (B10) = IDC/FLK50 (39)
rown-orange	Fujitsu40 (B11) = IDC/FLK50 (40)



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brown-green	Fujitsu40 (B12) = IDC/FLK50 (41)
brown-violet	Fujitsu40 (B13) = IDC/FLK50 (42)
brown-white	Fujitsu40 (B14) = IDC/FLK50 (43)
green-brown	Fujitsu40 (B15) = IDC/FLK50 (44)
green-orange	Fujitsu40 (B16) = IDC/FLK50 (45)
green-violet	Fujitsu40 (B17) = IDC/FLK50 (46)
green-white	Fujitsu40 (B18) = IDC/FLK50 (47)
yellow-brown	Fujitsu40 (B19) = IDC/FLK50 ()
yellow-orange	Fujitsu40 (B20) = IDC/FLK50 ()

Connection data

Connection 1

Connection method	Fujitsu connector
Туре	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	IEC 60603-13 (in compliance)
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	50
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Notes

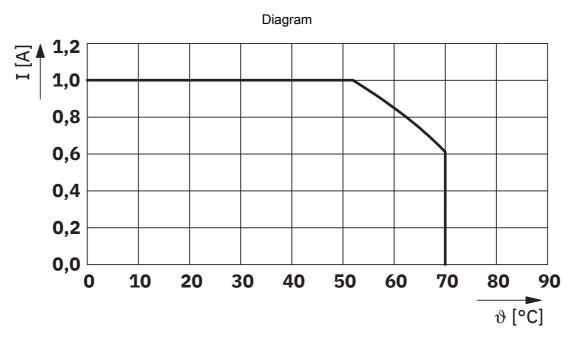
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be mot
	be met.



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Drawings



Maximum permissible current per path in uncoiled state



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Classifications

	ECLASS-13.0	27242220
ETIM		
	ETIM 9.0	EC000237
UNSPSC		
	UNSPSC 21.0	26121600



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	4005e931-da1d-434b-827b-ff2405e69ad4

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