CABLE-D37F/2XD15F/10M/ETHA - Cable

1258833

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Round cable set; controller: Siemens SIMATIC® ET 200SP HA; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (2x 15-position); cable length: 10 m

Commercial data

Item number	1258833
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK225S
GTIN	4063151367220
Customs tariff number	85444290
Country of origin	DE

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) (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 ET 200SP HA

Suitable terminal block	6DL1193-6TP00-0BH1
	6DL1193-6TP00-0DH1
	6DL1193-6TP00-0BM1
	6DL1193-6TP00-0DM1
Suitable I/O module	6DL1131-6BH00-0PH1 (Terminal Block H1/M1)
	6DL1132-6BH00-0PH1 (Terminal Block H1/M1)

Cable/line

Cable length	10 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 mm²
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)
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	98 mm
Dynamic load capacity (bending)	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)
Cable type	Splitting cable for two modules

Color code: Single-core wire

black	D-SUB 37 X1 (1) = D-SUB15 X2 (1)
brown	D-SUB 37 X1 (2) = D-SUB15 X2 (2)
red	D-SUB 37 X1 (3) = D-SUB15 X2 (3)
orange	D-SUB 37 X1 (4) = D-SUB15 X2 (4)
yellow	D-SUB 37 X1 (5) = D-SUB15 X2 (5)
green	D-SUB 37 X1 (6) = D-SUB15 X2 (6)
blue	D-SUB 37 X1 (7) = D-SUB15 X2 (7)
violet	D-SUB 37 X1 (8) = D-SUB15 X2 (8)
gray	D-SUB 37 X1 (17) = D-SUB15 X2 (9)
white	D-SUB 37 X1 (36) = D-SUB15 X2 (10)
black	D-SUB 37 X1 (9) = D-SUB15 X3 (1)
brown	D-SUB 37 X1 (10) = D-SUB15 X3 (2)
red	D-SUB 37 X1 (11) = D-SUB15 X3 (3)
orange	D-SUB 37 X1 (12) = D-SUB15 X3 (4)
yellow	D-SUB 37 X1 (13) = D-SUB15 X3 (5)
green	D-SUB 37 X1 (14) = D-SUB15 X3 (6)
blue	D-SUB 37 X1 (15) = D-SUB15 X3 (7)
violet	D-SUB 37 X1 (16) = D-SUB15 X3 (8)
gray	D-SUB 37 X1 (18) = D-SUB15 X3 (9)
white	D-SUB 37 X1 (37) = D-SUB15 X3 (10)

Connection data

Connection 1

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB socket strip
Screw thread	UNC 4-40

Number of connections	1
Number of positions	37
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.77 mm

Connection 2

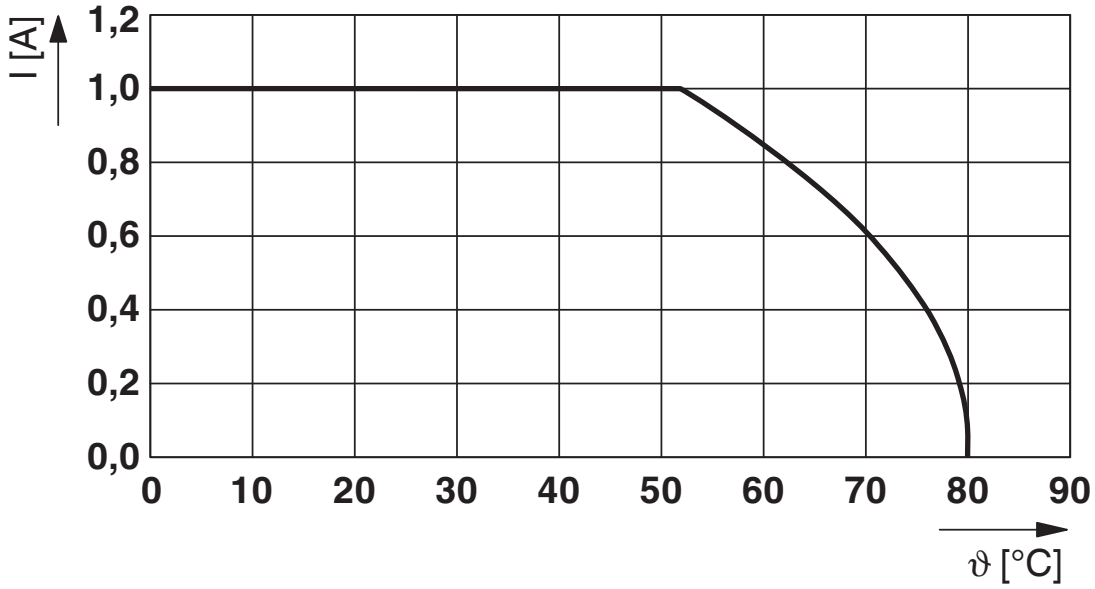
Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB socket strip
Screw thread	UNC 4-40
Number of connections	2
Number of positions	15
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.74 mm

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 met.

Drawings

Diagram



Maximum permissible current per path in uncoiled state

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1258833

UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

Classifications

ECLASS

ECLASS-13.0	27242220
ECLASS-15.0	27242220

ETIM

ETIM 10.0	EC000237

UNSPSC

UNSPSC 21.0	26121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a)-I, 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	c6f90fdb-f5bb-455f-b4df-ecdd4c22d250

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