CABLE-D37F/4XD15F/20,0M/ETHA - Cable

1119215

https://www.phoenixcontact.com/us/products/1119215

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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 (4x 15-position); cable length: 20 m

Commercial data

Item number	1119215
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2155
GTIN	4063151048808
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
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)	-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 ET 200SP HA

Suitable terminal block	6DL1193-6TP00-0BH1
	6DL1193-6TP00-0DH1
	6DL1193-6TP00-0BM1
	6DL1193-6TP00-0DM1
Suitable I/O module	6DL1131-6BL00-0PH1 (Terminal Block H1/M1)
	6DL1132-6BL00-0PH1 (Terminal Block H1/M1)

Cable/line

Cable length	20 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
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)
D-SUB 37 X1 (1)	D-SUB15 X2 (1) = black
D-SUB 37 X1 (2)	D-SUB15 X2 (2) = brown
D-SUB 37 X1 (3)	D-SUB15 X2 (3) = red
D-SUB 37 X1 (4)	D-SUB15 X2 (4) = orange
D-SUB 37 X1 (5)	D-SUB15 X2 (5) = yellow
D-SUB 37 X1 (6)	D-SUB15 X2 (6) = green
D-SUB 37 X1 (7)	D-SUB15 X2 (7) = blue
D-SUB 37 X1 (8)	D-SUB15 X2 (8) = violet
D-SUB 37 X1 (17)	D-SUB15 X2 (9) = gray
D-SUB 37 X1 (36)	D-SUB15 X2 (10) = white
D-SUB 37 X1 (9)	D-SUB15 X3 (1) = black
D-SUB 37 X1 (10)	D-SUB15 X3 (2) = brown
D-SUB 37 X1 (11)	D-SUB15 X3 (3) = red
D-SUB 37 X1 (12)	D-SUB15 X3 (4) = orange
D-SUB 37 X1 (13)	D-SUB15 X3 (5) = yellow
D-SUB 37 X1 (14)	D-SUB15 X3 (6) = green
D-SUB 37 X1 (15)	D-SUB15 X3 (7) = blue
D-SUB 37 X1 (16)	D-SUB15 X3 (8) = violet
D-SUB 37 X1 (18)	D-SUB15 X3 (9) = gray
D-SUB 37 X1 (37)	D-SUB15 X3 (10) = white
D-SUB 37 X1 (20)	D-SUB15 X4 (1) = black
D-SUB 37 X1 (21)	D-SUB15 X4 (2) = brown
D-SUB 37 X1 (22)	D-SUB15 X4 (3) = red
D-SUB 37 X1 (23)	D-SUB15 X4 (4) = orange
D-SUB 37 X1 (24)	D-SUB15 X4 (5) = yellow
D-SUB 37 X1 (25)	D-SUB15 X4 (6) = green
D-SUB 37 X1 (26)	D-SUB15 X4 (7) = blue
D-SUB 37 X1 (27)	D-SUB15 X4 (8) = violet
D-SUB 37 X1 (17)	D-SUB15 X4 (9) = gray
D-SUB 37 X1 (36)	D-SUB15 X4 (10) = white

D-SUB 37 X1 (28)	D-SUB15 X5 (1) = black
D-SUB 37 X1 (29)	D-SUB15 X5 (2) = brown
D-SUB 37 X1 (30)	D-SUB15 X5 (3) = red
D-SUB 37 X1 (31)	D-SUB15 X5 (4) = orange
D-SUB 37 X1 (32)	D-SUB15 X5 (5) = yellow
D-SUB 37 X1 (33)	D-SUB15 X5 (6) = green
D-SUB 37 X1 (34)	D-SUB15 X5 (7) = blue
D-SUB 37 X1 (35)	D-SUB15 X5 (8) = violet
D-SUB 37 X1 (18)	D-SUB15 X5 (9) = gray
D-SUB 37 X1 (37)	D-SUB15 X5 (10) = white
Cable type	Splitting cable for four modules

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
	M2,5
Number of connections	1
Number of positions	37
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.77 mm

Connection 2

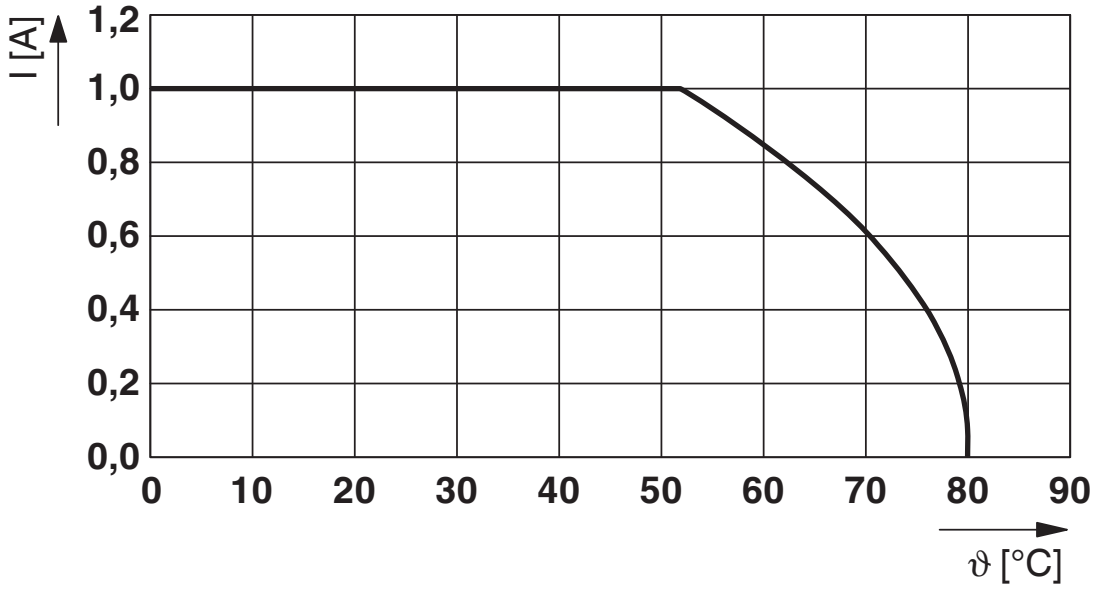
Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB socket strip
Screw thread	UNC 4-40
	M2,5
Number of connections	4
Number of positions	15
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.74 mm

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.

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/1119215

UL Listed
Approval ID: FILE E 238705

cUL Listed
Approval ID: FILE E 238705

cULus Listed

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000237

UNSPSC

UNSPSC 21.0	26121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 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	a0ba2ae9-4e7d-45c7-9a81-124af24fe495

Accessories

FLKM-PA-D37/ETHA - Front adapter

1076338

https://www.phoenixcontact.com/us/products/1076338



VARIOFACE front adapter for Siemens SIMATIC® ET 200SP HA, with a 37-pos. D-SUB male strip for digital 24 V DC and analog peripheral modules, max. 32 channels can be connected

PLC-V8/D15S/OUT - System connection

2296058

https://www.phoenixcontact.com/us/products/2296058



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of output cards, connection 1: D-SUB pin strip 1x 15-position, connection 2: Plug-in connection (Can be snapped onto 8x PLC-INTERFACE terminals), connection 3: Screw connection 1x 2-position, number of channels: 8, control logic: plusschaltend

PLC-V8L/D15S/OUT - System connection

1104789

https://www.phoenixcontact.com/us/products/1104789



V8 adapter for 8 x PLC-INTERFACE (14 mm), connection 1: D-SUB pin strip 1x 15-position, connection 2: Plug-in connection (Can be snapped onto 8x PLC-INTERFACE terminals), connection 3: Screw connection 1x 2-position, number of channels: 8, control logic: plusschaltend

PLC-V8/D15S/IN - System connection

2296074

https://www.phoenixcontact.com/us/products/2296074



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: D-SUB pin strip 1x 15-position, connection 2: Plug-in connection (Can be snapped onto 8x PLC-INTERFACE terminals), connection 3: Screw connection 1x 2-position, number of channels: 8, control logic: plusschaltend

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