

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

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 SIMATIC® ET 200SP HA; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (4x 15-position); cable length: 15 m

Commercial data

Item number	1119212
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2155
GTIN	4063151048181
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444290
Country of origin	DE

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

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	15 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	6.1 mm ±0.4 mm
Outer sheath, material	Semi-rigid PVC

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	$\leq 145 \Omega/\text{km}$ (20 °C)
Insulation resistance	$\geq 20 \text{ M}\Omega \cdot \text{km}$ (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)

color code

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

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

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

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

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1119212>



UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705

cULus Listed

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC000237
----------	----------

UNSPSC

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

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

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"

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



1119212

<https://www.phoenixcontact.com/us/products/1119212>

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

CABLE-D37F/4XD15F/15,0M/ETHA - Cable



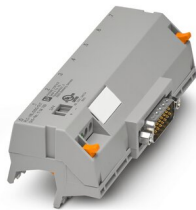
1119212

<https://www.phoenixcontact.com/us/products/1119212>

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

Phoenix Contact 2023 © - 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