

CABLE-D37F/4XD15F/8,0M/ETHA - Cable



1119206

<https://www.phoenixcontact.com/us/products/1119206>

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: 8 m



Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1119206 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C421 |
| Product key | DK225S |
| GTIN | 4063151048631 |
| Weight per piece (including packing) | 1,815.7 g |
| Weight per piece (excluding packing) | 1,800 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

CABLE-D37F/4XD15F/8,0M/ETHA - Cable



1119206

<https://www.phoenixcontact.com/us/products/1119206>

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 | 6DL1131-6BL00-0PH1 (Terminal Block H1/M1) |
| | 6DL1132-6BL00-0PH1 (Terminal Block H1/M1) |

Cable/line

| | |
|--------------|-----|
| Cable length | 8 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 |

CABLE-D37F/4XD15F/8,0M/ETHA - Cable



1119206

<https://www.phoenixcontact.com/us/products/1119206>

| | |
|---|---|
| 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 four 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) |
| black | D-SUB 37 X1 (20) = D-SUB15 X4 (1) |
| brown | D-SUB 37 X1 (21) = D-SUB15 X4 (2) |
| red | D-SUB 37 X1 (22) = D-SUB15 X4 (3) |
| orange | D-SUB 37 X1 (23) = D-SUB15 X4 (4) |
| yellow | D-SUB 37 X1 (24) = D-SUB15 X4 (5) |
| green | D-SUB 37 X1 (25) = D-SUB15 X4 (6) |
| blue | D-SUB 37 X1 (26) = D-SUB15 X4 (7) |

CABLE-D37F/4XD15F/8,0M/ETHA - Cable



1119206

<https://www.phoenixcontact.com/us/products/1119206>

| | |
|--------|------------------------------------|
| violet | D-SUB 37 X1 (27) = D-SUB15 X4 (8) |
| gray | D-SUB 37 X1 (17) = D-SUB15 X4 (9) |
| white | D-SUB 37 X1 (36) = D-SUB15 X4 (10) |
| black | D-SUB 37 X1 (28) = D-SUB15 X5 (1) |
| brown | D-SUB 37 X1 (29) = D-SUB15 X5 (2) |
| red | D-SUB 37 X1 (30) = D-SUB15 X5 (3) |
| orange | D-SUB 37 X1 (31) = D-SUB15 X5 (4) |
| yellow | D-SUB 37 X1 (32) = D-SUB15 X5 (5) |
| green | D-SUB 37 X1 (33) = D-SUB15 X5 (6) |
| blue | D-SUB 37 X1 (34) = D-SUB15 X5 (7) |
| violet | D-SUB 37 X1 (35) = D-SUB15 X5 (8) |
| gray | D-SUB 37 X1 (18) = D-SUB15 X5 (9) |
| white | D-SUB 37 X1 (37) = D-SUB15 X5 (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 |
| | 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

| | |
|--------------------|--|
| 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

CABLE-D37F/4XD15F/8,0M/ETHA - Cable



1119206

<https://www.phoenixcontact.com/us/products/1119206>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1119206>

 **UL Listed**
Approval ID: E238705

 **cUL Listed**
Approval ID: E238705

CABLE-D37F/4XD15F/8,0M/ETHA - Cable



1119206

<https://www.phoenixcontact.com/us/products/1119206>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27242220 |
| ECLASS-15.0 | 27242220 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000237 |
|-----------|----------|

UNSPSC

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

CABLE-D37F/4XD15F/8,0M/ETHA - Cable



1119206

<https://www.phoenixcontact.com/us/products/1119206>

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 | 443985d5-d501-4b61-91db-134719b2d03e |

Phoenix Contact 2026 © - 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