

CABLE-3D37SUB/F/HICTB/45,0M/S - Cable



2903762

<https://www.phoenixcontact.com/us/products/2903762>

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.



Splitting cable (1x 37-pos. D-SUB female strip to 2x 37-pos. D-SUB female strips), shielded, for Honeywell C300 I/O, cable length: 45 m

Your advantages

- 37-position

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2903762 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | DK2AIH |
| GTIN | 4046356763127 |
| Weight per piece (including packing) | 9,063 g |
| Weight per piece (excluding packing) | 4,500 g |
| Country of origin | DE |

Technical data

Product properties

| | |
|--------------|--------------|
| Product type | System cable |
|--------------|--------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|--|
| Degree of protection | IP20 |
| 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) | ≤ 2 A (Uncoiled, see derating) |

Cable/line

| | |
|--------------|------|
| Cable length | 45 m |
|--------------|------|

37X0.25 [PVC]

| | |
|---|---|
| UL AWM Style | 2464/1061 |
| Number of positions | 37 |
| Shielded | yes |
| Cable type | 37X0.25 [PVC] |
| Conductor type | Assembled shielded round cable |
| Conductor structure signal line | 14x 0.15 mm |
| AWG signal line | 24 |
| Conductor cross-section | 37x 0.25 mm ² |
| Wire diameter incl. insulation | 1.2 mm ±0.05 mm |
| External cable diameter | 10.80 mm ±0.5 mm |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |
| Conductor material | Bare Cu litz wires |
| Cable resistance | ≤ 80 Ω/km (at 20 °C) |
| Insulation resistance | ≥ 20 MΩ*km (at 20 °C) |
| Smallest bending radius, fixed installation | 90 mm |
| Smallest bending radius, movable installation | 170 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 5000 (at a radius of ≥ 15x outside diameter) |
| Halogen-free | no |

CABLE-3D37SUB/F/HICTB/45,0M/S - Cable



2903762

<https://www.phoenixcontact.com/us/products/2903762>

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

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

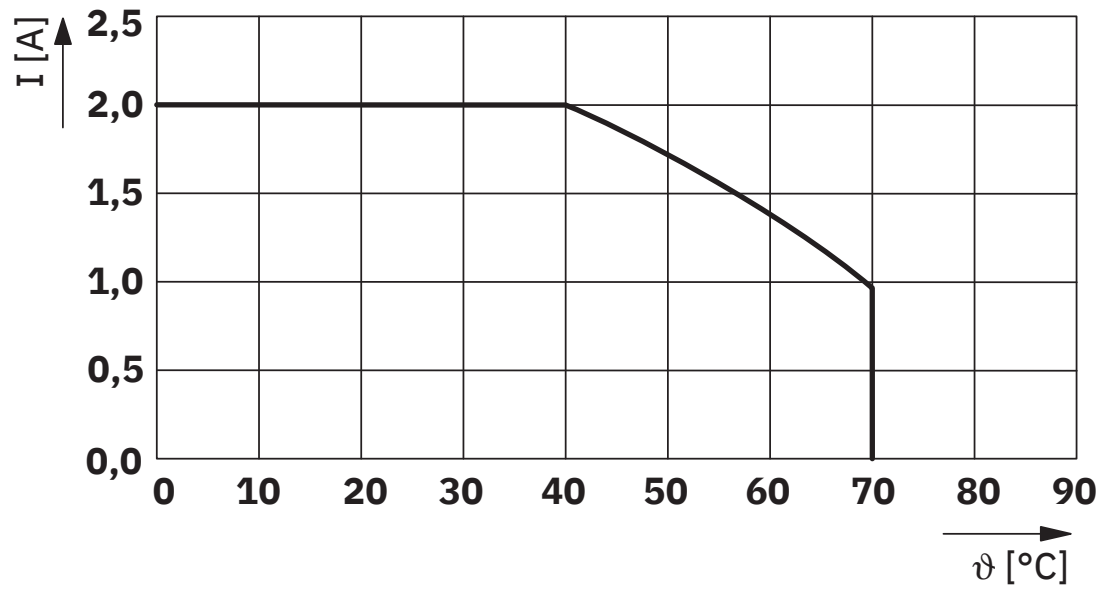
| | |
|----------------------------------|--------------------|
| Connection in acc. with standard | IEC 60807-2 |
| | DIN 41652 |
| Connection method | D-SUB socket strip |
| Screw thread | UNC 4-40 |
| Number of connections | 2 |
| Number of positions | 37 |
| Tightening torque | 0.2 Nm |
| Insertion/withdrawal cycles | > 200 |
| Pitch | 2.77 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-3D37SUB/F/HICTB/45,0M/S - Cable



2903762

<https://www.phoenixcontact.com/us/products/2903762>

Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 26121620 |
|-------------|----------|

2903762

<https://www.phoenixcontact.com/us/products/2903762>

Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(a) |

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) |
|-------------------------------------|----------------------|

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