# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

**PHŒNIX CONTACT**

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.

The VARIOFACE feed-through module implements a 1:1 connection between plug-in push-in spring-cage connection terminal blocks and a D-SUB miniature pin strip (number of positions: 15). A separate ground pick-off is available.

## Commercial data

| | |
|---|---|
| Item number | 2903054 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C422 |
| Product key | CK2225 |
| Catalog page | Page 590 (C-7-2015) |
| GTIN | 4046356709637 |
| Weight per piece (including packing) | 77.5 g |
| Weight per piece (excluding packing) | 77.5 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

## Technical data

### Product properties

| Product type | Interface module |
|---|---|
| Product family | VARIOFACE |
| Number of positions | 15 |

#### Insulation characteristics

| Insulation | Functional insulation |
|---|---|

#### Insulation characteristics: Air clearances and creepage distances

| Insulation | Functional insulation |
|---|---|
| Overvoltage category | II |
| Pollution degree | 2 |

### Electrical properties

| Operating voltage (AC) | ≤ 30 V AC |
|---|---|
| Operating voltage (DC) | ≤ 60 V DC |
| Current (per branch) | ≤ 2.5 A |
| Current (Total current) | ≤ 37.5 A (50 °C) |

#### Air clearances and creepage distances

| Rated insulation voltage | 125 V |
|---|---|
| Rated surge voltage | 1.2 kV (1.2/50 µs) |

### Connection data

#### Connection 1 (control level)

| Connection in acc. with standard | IEC 60807-2 |
|---|---|
| Connection method | D-SUB pin strip |
| Screw thread | UNC 4-40 |
| Number of connections | 1 |
| Number of positions | 15 |
| Insertion/withdrawal cycles | > 500 |
| Pitch | 2.74 mm |

#### Connection 2 (field level)

| Connection method | Push-in spring connection |
|---|---|
| Stripping length | 10 mm |
| Number of positions | 16 |
| Conductor cross section rigid | 0.2 mm² ... 2.5 mm² |
| Conductor cross section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross section AWG | 24 ... 12 |

### Signaling

| Status display present | No |
|---|---|

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## Dimensions

### Item dimensions

| | |
|---|---|
| Width | 38 mm |
| Height | 58.4 mm |
| Depth | 46 mm |

## Material specifications

| | |
|---|---|
| Color | gray (RAL 7042) |
| Housing insulation material | Polyamide PA non-reinforced |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection (Module) | IP20 |
| Degree of protection (Installation location) | ≥ IP54 |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Altitude | ≤ 2000 m |

## Approvals

### UKCA

| | |
|---|---|
| Certificate | UKCA-compliant |

## Standards and regulations

### Air clearances and creepage distances

| | |
|---|---|
| Standards/regulations | EN IEC 60664-1 |

## Mounting

| | |
|---|---|
| Mounting type | Rear mounting |
| Mounting position | any |

## 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. |

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

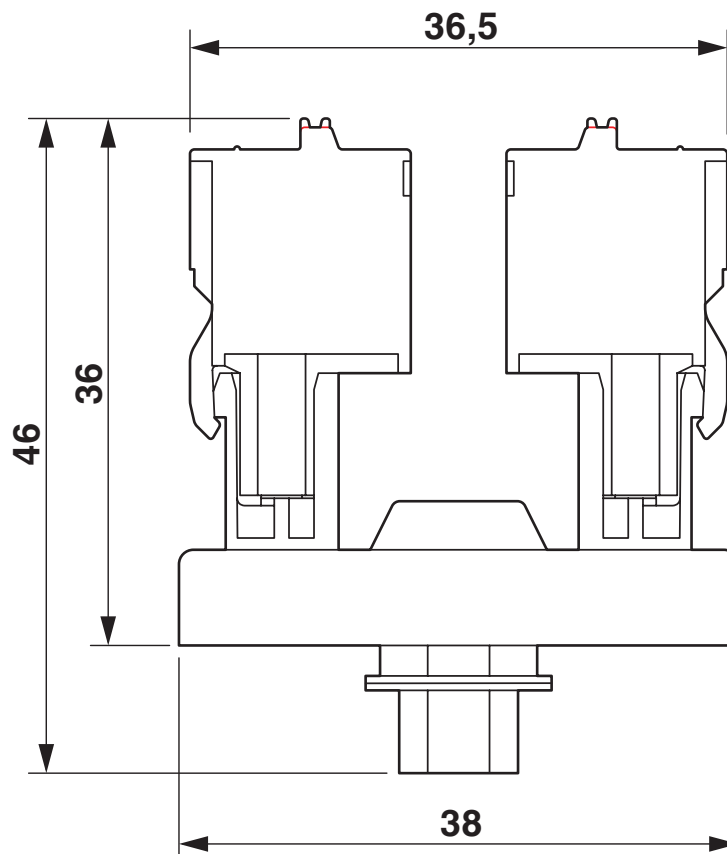https://www.phoenixcontact.com/us/products/2903054

**PHŒNIX CONTACT**

## Drawings

### Dimensional drawing
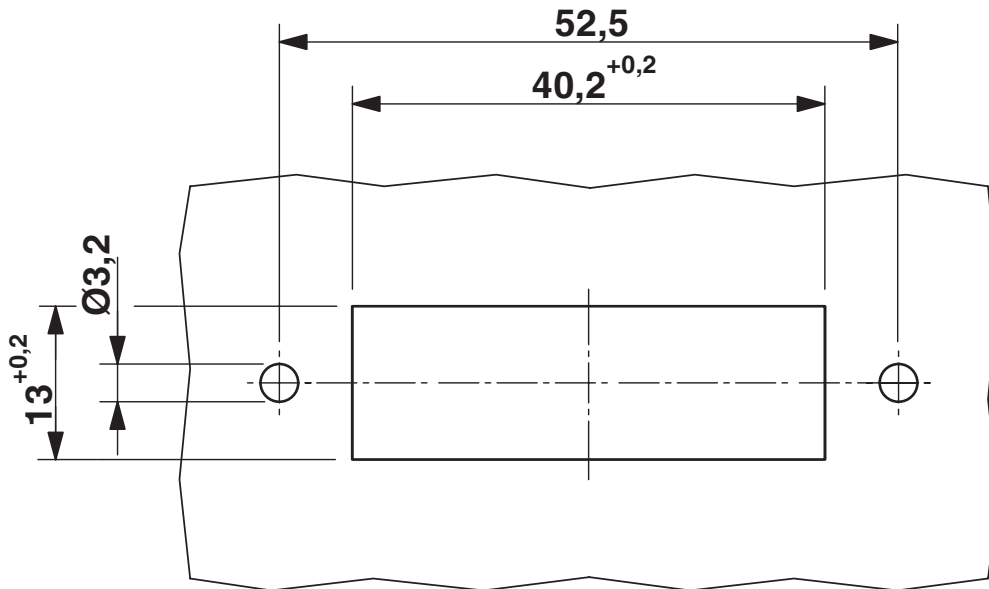


### Dimensional drawing

Dimensional drawing
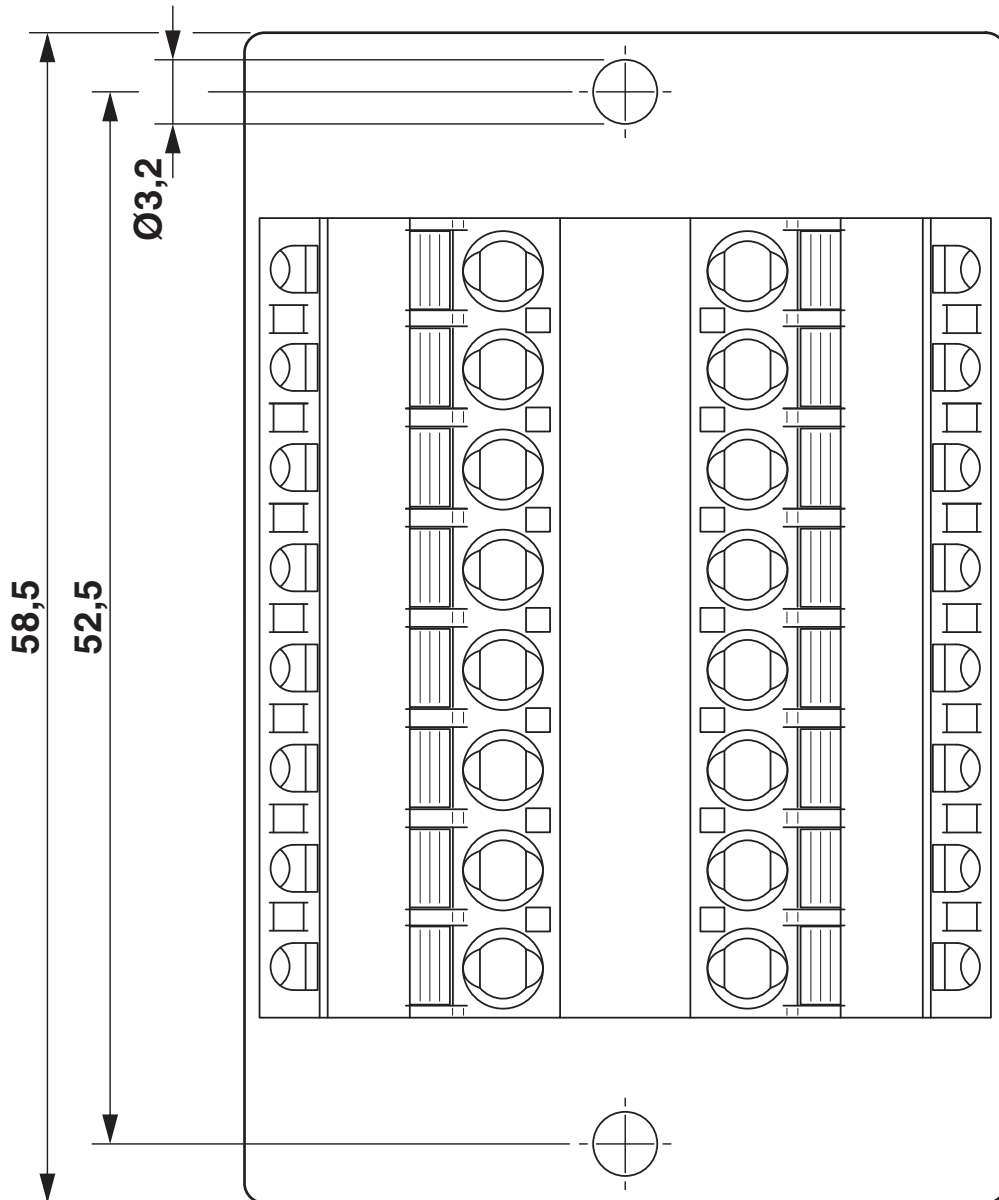
## Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2903054

### cUL Recognized
Approval ID: FILE E 238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| | 125 V | 1 A | 30 - 12 | - |

### UL Recognized
Approval ID: FILE E 238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| | 125 V | 1 A | 30 - 12 | - |

### cULus Recognized

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## Classifications

### ECLASS

| ECLASS-11.0 | 27141152 |
|-------------|----------|
| ECLASS-12.0 | 27141152 |
| ECLASS-13.0 | 27141152 |

### ETIM

| ETIM 9.0 | EC002780 |
|----------|----------|

### UNSPSC

| UNSPSC 21.0 | 39121400 |
|-------------|----------|

## Environmental product compliance

### EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

### China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

### EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

## Accessories

### CABLE D-SUB-S/.../.../... - Cable

2302340

https://www.phoenixcontact.com/us/products/2302340

Shielded round cable, assembled with one D-SUB female and pin strip (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

### CABLE D-SUB-B-B-S/.../.../... - Cable

2302421

https://www.phoenixcontact.com/us/products/2302421

Shielded round cable, assembled with two D-SUB female strips (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

## CABLE-D15SUB/B/S/ 50/KONFEK/S - Cable

2302052

https://www.phoenixcontact.com/us/products/2302052

Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 0.5 m

## CABLE-D15SUB/B/S/100/KONFEK/S - Cable

2302065

https://www.phoenixcontact.com/us/products/2302065

Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D15SUB/B/S/150/KONFEK/S - Cable

2302078

https://www.phoenixcontact.com/us/products/2302078

Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1.5 m

## CABLE-D15SUB/B/S/200/KONFEK/S - Cable

2302081

https://www.phoenixcontact.com/us/products/2302081

Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 2 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D15SUB/B/S/300/KONFEK/S - Cable

2302094

https://www.phoenixcontact.com/us/products/2302094

Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 3 m

## CABLE-D15SUB/B/S/400/KONFEK/S - Cable

2302104

https://www.phoenixcontact.com/us/products/2302104

Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 4 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D15SUB/B/S/600/KONFEK/S - Cable

2302117

https://www.phoenixcontact.com/us/products/2302117

Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 6 m

## CABLE-D15SUB/B/S/HF/S/ 1,0M - Cable

1066600

https://www.phoenixcontact.com/us/products/1066600

Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D15SUB/B/S/HF/S/ 2,0M - Cable

1066602

https://www.phoenixcontact.com/us/products/1066602

Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 2 m

## CABLE-D15SUB/B/S/HF/S/ 3,0M - Cable

1066603

https://www.phoenixcontact.com/us/products/1066603

Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 3 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D15SUB-B-S-HF-S/... - Cable

1075565

https://www.phoenixcontact.com/us/products/1075565

Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: variable

## CABLE-D-15SUB/F/OE/0,25/S/0,5M - Cable

2926085

https://www.phoenixcontact.com/us/products/2926085

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 0.5 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D-15SUB/F/OE/0,25/S/1,0M - Cable

2926098

https://www.phoenixcontact.com/us/products/2926098

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 1 m

## CABLE-D-15SUB/F/OE/0,25/S/1,5M - Cable

2926108

https://www.phoenixcontact.com/us/products/2926108

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 1.5 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D-15SUB/F/OE/0,25/S/2,0M - Cable

2926111

https://www.phoenixcontact.com/us/products/2926111

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 2 m

## CABLE-D-15SUB/F/OE/0,25/S/3,0M - Cable

2926124

https://www.phoenixcontact.com/us/products/2926124

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 3 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D-15SUB/F/OE/0,25/S/4,0M - Cable

2926137

https://www.phoenixcontact.com/us/products/2926137

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 4 m

## CABLE-D-15SUB/F/OE/0,25/S/6,0M - Cable

2926140

https://www.phoenixcontact.com/us/products/2926140

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 6 m

# DFLK-D15 SUB/M/FKCT - Interface module

2903054

https://www.phoenixcontact.com/us/products/2903054

## CABLE-D-15SUB-F-OE-0,25-S/... - Cable

2900905

https://www.phoenixcontact.com/us/products/2900905

Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: variable