

## Interface module - UM 45-D25SUB/B - 2962748

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



VARIOFACE module, with screw connection and D-subminiature socket strip, for assembly on NS 35/7.5, 25 positions

The illustration shows the version UM 45-D37SUB/S



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1                                                                                                       |
| Minimum order quantity | 1                                                                                                       |
| Catalog page           | Page 250 (IF-2007)                                                                                      |
| GTIN                   | <br>4 017918 107376 |
| Custom tariff number   | 85369010                                                                                                |
| Country of origin      | GERMANY                                                                                                 |

### Technical data

#### General data

|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| Nominal voltage UN                        | 125 V AC/DC                            |
| Max. current carrying capacity per branch | 2.5 A                                  |
| Max. current carrying capacity per branch | 1.5 A (with even load on all branches) |
| Number of positions                       | 25                                     |
| Width                                     | 90 mm                                  |
| Height                                    | 45 mm                                  |
| Depth                                     | 42 mm                                  |
| Status display                            | No                                     |
| Ambient temperature (operation)           | -20 °C ... 50 °C                       |
| Ambient temperature (storage/transport)   | -20 °C ... 70 °C                       |
| Test voltage                              | 800 V (50 Hz, 1 min.)                  |
| Mounting position                         | Any                                    |
| Standards/regulations                     | IEC 60664                              |
| Standards/regulations                     | DIN VDE 110                            |
| Pollution degree                          | 2                                      |
| Surge voltage category                    | II                                     |

# Interface module - UM 45-D25SUB/B - 2962748

## Technical data

### General data

|                          |        |
|--------------------------|--------|
| Rated surge voltage      | 1.2 kV |
| Rated insulation voltage | 125 V  |

### Connection data for connection 1

|                                        |                      |
|----------------------------------------|----------------------|
| Connection name                        | PCB connection       |
| Connection in acc. with standard       | IEC / EN             |
| Connection method                      | Screw connection     |
| Conductor cross section solid min.     | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.     | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.  | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min. | 26                   |
| Conductor cross section AWG/kcmil max  | 16                   |
| Stripping length                       | 6 mm                 |
| Screw thread                           | M3                   |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27250313 |
| eCl@ss 5.1 | 27250313 |
| eCl@ss 6.0 | 27242608 |

### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC001434 |
| ETIM 3.0 | EC001604 |
| ETIM 4.0 | EC001604 |
| ETIM 5.0 | EC002780 |

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |
| UNSPSC 12.01  | 39121421 |
| UNSPSC 13.2   | 39121421 |

## Approvals

### Approvals

---

## Interface module - UM 45-D25SUB/B - 2962748

### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil                                                                                   | 30-14 |
| Nominal current I <sub>N</sub>                                                                  | 2.5 A |
| Nominal voltage U <sub>N</sub>                                                                  | 125 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                                                                      | 30-14 |
| Nominal current I <sub>N</sub>                                                                     | 2.5 A |
| Nominal voltage U <sub>N</sub>                                                                     | 125 V |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| GOST  |  |
|------------------------------------------------------------------------------------------|--|

|                                                                                                      |  |
|------------------------------------------------------------------------------------------------------|--|
| cULus Recognized  |  |
|------------------------------------------------------------------------------------------------------|--|

### Accessories

#### Accessories

Cable/conductor

## Interface module - UM 45-D25SUB/B - 2962748

### Accessories

Cable - CABLE-D25SUB/B/S/ 50/KONFEK/S - 2302120



Round shielded cable set, with 25-pos. D-SUB female and male connectors, cable length: 0.5 m

---

Cable - CABLE-D25SUB/B/S/100/KONFEK/S - 2302133



Round shielded cable set, with 25-pos. D-SUB female and male connectors, cable length: 1 m

---

Cable - CABLE-D25SUB/B/S/150/KONFEK/S - 2302146



Round shielded cable set, with 25-pos. D-SUB female and male connectors, cable length: 1.5 m

---

Cable - CABLE-D25SUB/B/S/200/KONFEK/S - 2302159



Round shielded cable set, with 25-pos. D-SUB female and male connectors, cable length: 2 m

---

Cable - CABLE-D25SUB/B/S/300/KONFEK/S - 2302162



Round shielded cable set, with 25-pos. D-SUB female and male connectors, cable length: 3 m

---

Cable - CABLE-D25SUB/B/S/400/KONFEK/S - 2302175



Round shielded cable set, with 25-pos. D-SUB female and male connectors, cable length: 4 m

## Interface module - UM 45-D25SUB/B - 2962748

### Accessories

---

Cable - CABLE-D25SUB/B/S/600/KONFEK/S - 2302188



Round shielded cable set, with 25-pos. D-SUB female and male connectors, cable length: 6 m

---

Cable - CABLE D-SUB-S/.../.../... - 2302340



Shielded round cable, assembled with one D-SUB male and one female connector, variable cable length

---

Cable - CABLE D-SUB-S-S/.../.../... - 2302434



Shielded round cable, assembled with two D-SUB male connectors, variable cable length

---

Cable - CABLE-D-25SUB/M/OE/0,25/S/0,5M - 2926506



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 0.5 m.

---

Cable - CABLE-D-25SUB/M/OE/0,25/S/1,0M - 2926519



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 1 m.

---

## Interface module - UM 45-D25SUB/B - 2962748

### Accessories

Cable - CABLE-D-25SUB/M/OE/0,25/S/1,5M - 2926522



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 1.5 m.

---

Cable - CABLE-D-25SUB/M/OE/0,25/S/2,0M - 2926535



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 2 m.

---

Cable - CABLE-D-25SUB/M/OE/0,25/S/3,0M - 2926548



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 3 m.

---

Cable - CABLE-D-25SUB/M/OE/0,25/S/4,0M - 2926551



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 4 m.

---

Cable - CABLE-D-25SUB/M/OE/0,25/S/6,0M - 2926564



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 6 m.

---

## Interface module - UM 45-D25SUB/B - 2962748

### Accessories

Cable - CABLE-D-25SUB-M-OE-0,25-S/... - 2900911



Shielded cable with a 25-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 25 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: variable.

---

### Drawings

#### Circuit diagram

