

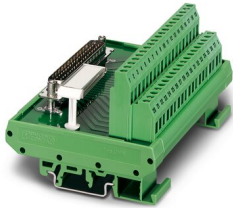
FLKM-D25 SUB/S - Interface module



2281144

<https://www.phoenixcontact.com/in/products/2281144>

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VARIOFACE module, with screw connection and D-Subminiature pin strip, for mounting on NS 35/7.5 or NS 32, 25-pos.

Commercial Data

| | |
|--------------------------------------|--------------------|
| Item number | 2281144 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales Key | CK2 |
| Product Key | CK2222 |
| Catalog Page | Page 248 (IF-2007) |
| GTIN | 4017918054595 |
| Weight per Piece (including packing) | 151 g |
| Weight per Piece (excluding packing) | 151 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical Data

Product properties

| | |
|---------------------|------------------|
| Product type | Interface module |
| Product family | VARIOFACE |
| Number of positions | 25 |

Insulation characteristics

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

Insulation characteristics

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

Electrical properties

| | |
|---|--|
| Nominal voltage U_N | 25 V AC |
| | 60 V DC |
| Max. current carrying capacity per branch | 2.5 A |
| | 1.5 A (with even load on all branches) |
| Rated insulation voltage | 125 V |
| Rated surge voltage | 1.2 kV |

Connection data

Field level

| | |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross section rigid | 0.2 mm ² ... 4 mm ² |
| Conductor cross section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross section AWG | 24 ... 12 |

Controller level

| | |
|---------------------|-----------------|
| Connection method | D-SUB pin strip |
| Number of positions | 25 |

Signaling

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

Dimensions

| | |
|--------|---------|
| Width | 79 mm |
| Height | 77 mm |
| Depth | 57.5 mm |

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Material specifications

| | |
|-----------------------------|-------------------|
| Housing insulation material | Polyamide 6 green |
|-----------------------------|-------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

Approvals

UKCA

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

Standards and regulations

| | |
|-----------------------|--------------|
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |

Mounting

| | |
|-------------------|-------------------|
| Mounting type | DIN rail mounting |
| Mounting position | any |

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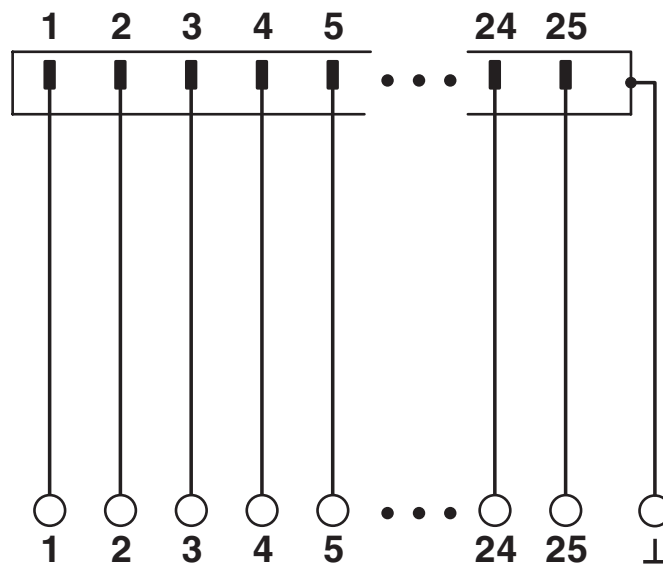
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Drawings

Circuit diagram




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Approvals

|  cUL Recognized Approval ID: FILE E 118976 | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal Voltage U_N | Nominal Current I_N | Cross Section AWG | Cross Section mm^2 |
| Field wiring | 125 V | 2.5 A | 30 - 12 | - |

|  UL Recognized Approval ID: FILE E 118976 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal Voltage U_N | Nominal Current I_N | Cross Section AWG | Cross Section mm^2 |
| Field wiring | 125 V | 2.5 A | 30 - 12 | - |

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC002780 |
|----------|----------|

UNSPSC

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

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Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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Accessories

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

2302340

<https://www.phoenixcontact.com/in/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/in/products/2302421>



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

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

2302120

<https://www.phoenixcontact.com/in/products/2302120>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 0.5 m

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

2302133

<https://www.phoenixcontact.com/in/products/2302133>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

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

2302146

<https://www.phoenixcontact.com/in/products/2302146>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1.5 m

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

2302159

<https://www.phoenixcontact.com/in/products/2302159>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 2 m

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

2302162

<https://www.phoenixcontact.com/in/products/2302162>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m

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

2302175

<https://www.phoenixcontact.com/in/products/2302175>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 4 m

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

2302188

<https://www.phoenixcontact.com/in/products/2302188>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 6 m

CABLE-D25SUB/B/S/HF/S/ 1,0M - Cable

1066665

<https://www.phoenixcontact.com/in/products/1066665>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

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CABLE-D25SUB/B/S/HF/S/ 2,0M - Cable

1066666

<https://www.phoenixcontact.com/in/products/1066666>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 2 m

CABLE-D25SUB/B/S/HF/S/ 3,0M - Cable

1066667

<https://www.phoenixcontact.com/in/products/1066667>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m

FLKM-D25 SUB/S - Interface module

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CABLE-D25SUB-B-S-HF-S/... - Cable

1075559

<https://www.phoenixcontact.com/in/products/1075559>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: variable

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

2926153

<https://www.phoenixcontact.com/in/products/2926153>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 0.5 m

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

2926166

<https://www.phoenixcontact.com/in/products/2926166>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 1 m

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

2926179

<https://www.phoenixcontact.com/in/products/2926179>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 1.5 m

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

2926182

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 2 m

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

2926195

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 3 m

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

2926205

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 4 m

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

2926218

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 6 m

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CABLE-D-25SUB/F/OE/0,25/S/10M - Cable

2906214

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 10 m

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

2906215

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 15 m

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CABLE-D-25SUB/F/OE/0,25/S/20M - Cable

2906216

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 20 m

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

2900906

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: variable

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