

## Interface module - DFLK 50 - 2280284

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The VARIOFACE feed-through module implements a 1:1 connection between screw connection terminal blocks and an IDC/FLK pin strip (2.54 mm, number of positions: 50).

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 5 pc                                                                                                    |
| GTIN         | <br>4 017918 054397 |
| GTIN         | 4017918054397                                                                                           |

### Technical data

#### Note

|              |                                                                                                                                                                                                                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of note | Notes on operation                                                                                                                                                                                                                                                                                       |
| Note         | Do not connect adjacent channels to SELV/ PELV and voltages dangerous to the touch.                                                                                                                                                                                                                      |
| Type of note | Notes on operation                                                                                                                                                                                                                                                                                       |
| Note         | At least one functional insulation against adjacent modules is complied with (in the support rail direction). If the application has stricter requirements for the insulation (basic insulation or reinforced insulation), they must be realized by applying suitable measures (e. g. partition plates). |

#### Dimensions

|        |          |
|--------|----------|
| Width  | 40 mm    |
| Height | 143.5 mm |
| Depth  | 47.5 mm  |

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Maximum altitude                        | ≤ 2000 m         |
| Degree of protection                    | IP20             |

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## Technical data

### Ambient conditions

|  |                                |
|--|--------------------------------|
|  | ≥ IP54 (Installation location) |
|--|--------------------------------|

### General

|                                    |                              |
|------------------------------------|------------------------------|
| Max. permissible operating voltage | 25 V AC                      |
|                                    | 60 V DC                      |
| Max. permissible current           | 1 A (per path)               |
| Max. permissible total current     | 50 A (T <sub>A</sub> = 50°C) |
| Number of positions                | 50                           |
| Status display                     | No                           |
| Mounting position                  | any                          |
| Assembly instructions              | In rows with zero spacing    |

### Connection data

|                                  |                     |
|----------------------------------|---------------------|
| Connection name                  | Field level         |
| Connection in acc. with standard | IEC / EN            |
| Connection method                | Screw connection    |
| Stripping length                 | 8 mm                |
| Screw thread                     | M3                  |
| Conductor cross section solid    | 0.2 mm² ... 4 mm²   |
| Conductor cross section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross section AWG      | 24 ... 12           |

### Connection data 2

|                       |                   |
|-----------------------|-------------------|
| Connection name       | Controller level  |
| Connection method     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 50                |
| Pitch                 | 2.54 mm           |

### Standards and Regulations

|                          |                                       |
|--------------------------|---------------------------------------|
| Designation              | Air clearances and creepage distances |
| Standards/regulations    | DIN EN 50178                          |
| Rated insulation voltage | 63 V                                  |
| Rated surge voltage      | 0.6 kV                                |
| Insulation               | Functional insulation                 |
| Pollution degree         | 2                                     |
| Overvoltage category     | II                                    |

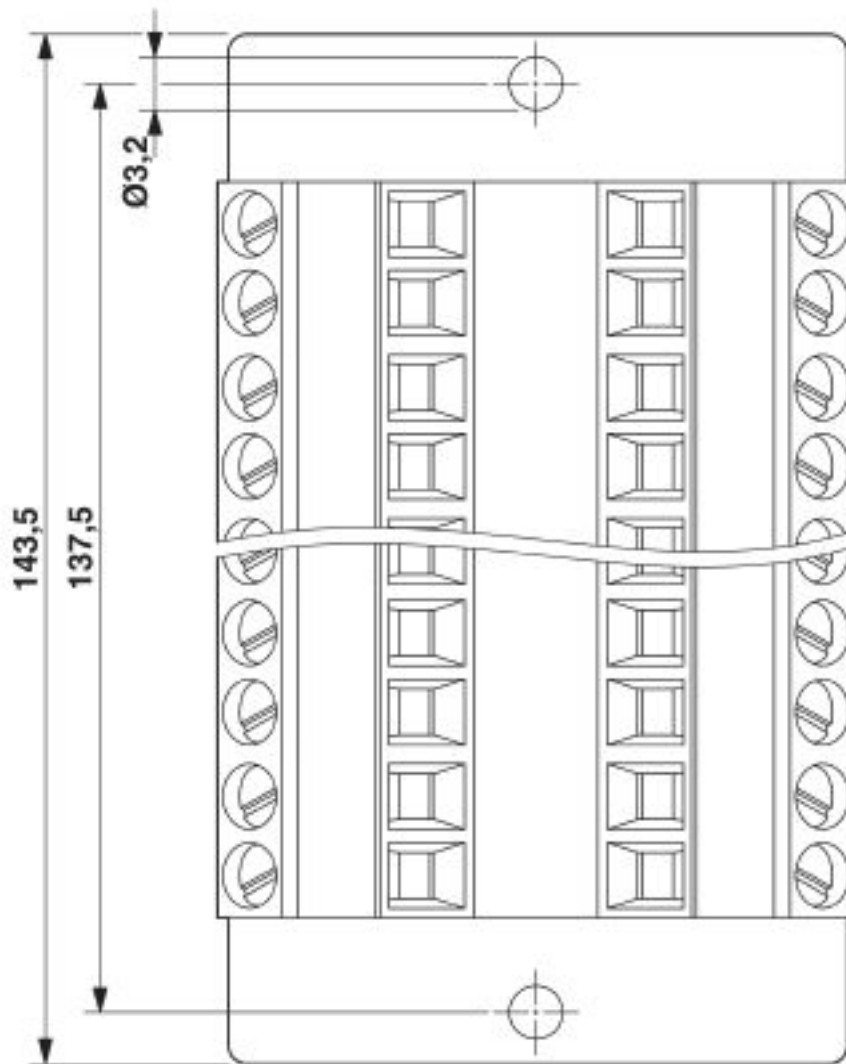
### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

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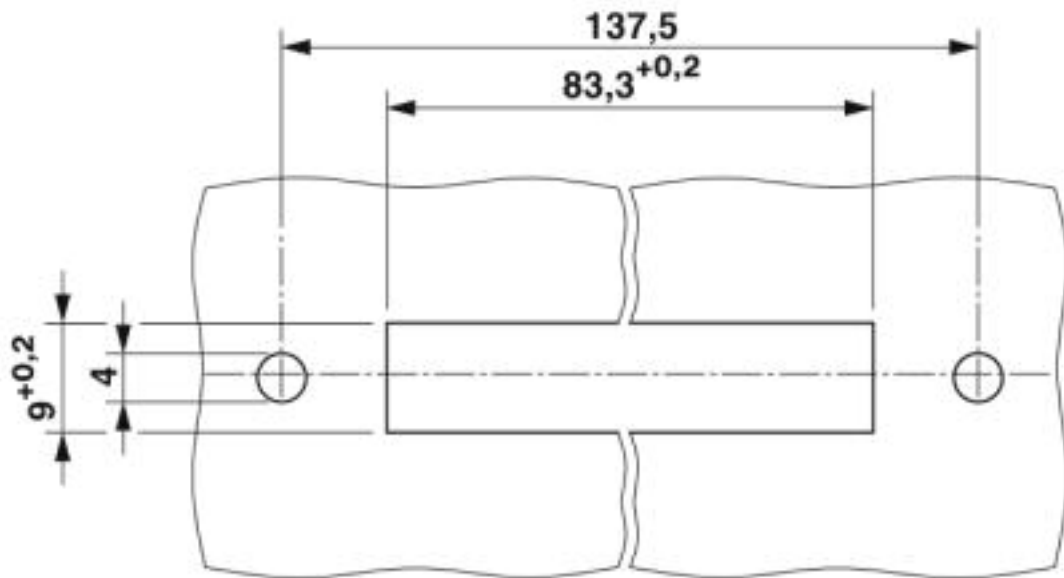
### Drawings

Dimensional drawing

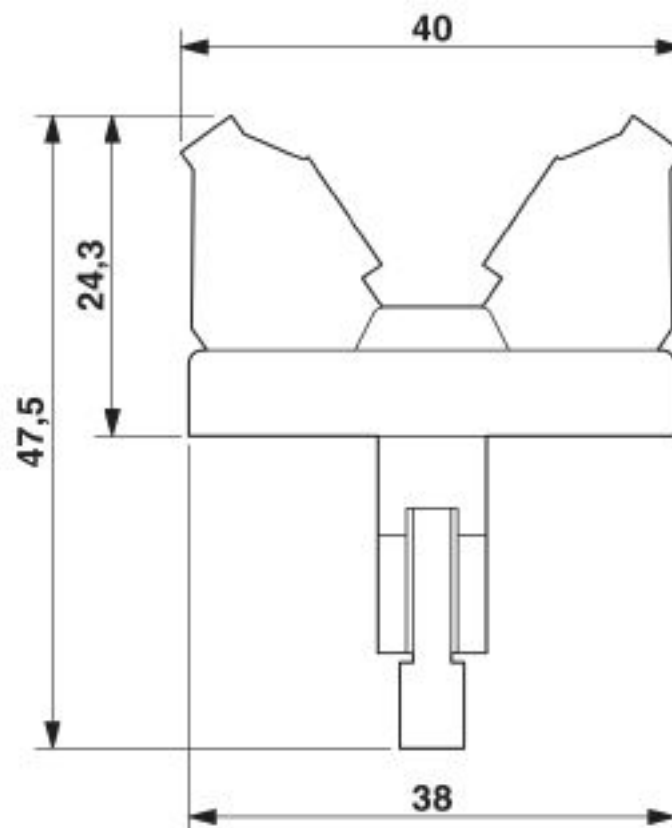


## Interface module - DFLK 50 - 2280284

## Dimensional drawing



## Dimensional drawing



## Interface module - DFLK 50 - 2280284

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141152 |
| eCl@ss 4.0    | 27250300 |
| eCl@ss 4.1    | 27250300 |
| eCl@ss 5.0    | 27250300 |
| eCl@ss 5.1    | 27250300 |
| eCl@ss 6.0    | 27242600 |
| eCl@ss 7.0    | 27141152 |
| eCl@ss 8.0    | 27141152 |
| eCl@ss 9.0    | 27141152 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002780 |
| ETIM 5.0 | EC002780 |
| ETIM 6.0 | EC002780 |
| ETIM 7.0 | EC002780 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |
| UNSPSC 12.01  | 39121421 |
| UNSPSC 13.2   | 39121432 |
| UNSPSC 18.0   | 39121432 |
| UNSPSC 19.0   | 39121432 |
| UNSPSC 20.0   | 39121432 |
| UNSPSC 21.0   | 39121432 |

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

#### Approval details

## Interface module - DFLK 50 - 2280284

### Approvals

EAC



RU C-  
DE.A\*30.B.01742

### Accessories

#### Accessories

#### System cable

Cable - FLK 50/EZ-DR/ 50/KONFEK - 2289065



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 0.5 m

Cable - FLK 50/EZ-DR/ 100/KONFEK - 2289078



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

Cable - FLK 50/EZ-DR/ 150/KONFEK - 2289081



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1.5 m

Cable - FLK 50/EZ-DR/ 200/KONFEK - 2289094



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

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### Accessories

#### Cable - FLK 50/EZ-DR/ 250/KONFEK - 2289104



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2.5 m

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#### Cable - FLK 50/EZ-DR/ 300/KONFEK - 2289117



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3 m

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#### Cable - FLK 50/EZ-DR/ 350/KONFEK - 2289120



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3.5 m

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#### Cable - FLK 50/EZ-DR/ 400/KONFEK - 2289133



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4 m

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#### Cable - FLK 50/EZ-DR/ 450/KONFEK - 2289573



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4.5 m

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## Interface module - DFLK 50 - 2280284

### Accessories

#### Cable - FLK 50/EZ-DR/ 500/KONFEK - 2289586



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5 m

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#### Cable - FLK 50/EZ-DR/ 550/KONFEK - 2289599



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5.5 m

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#### Cable - FLK 50/EZ-DR/ 600/KONFEK - 2289609



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6 m

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#### Cable - FLK 50/EZ-DR/ 650/KONFEK - 2289612



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6.5 m

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#### Cable - FLK 50/EZ-DR/ 700/KONFEK - 2289625



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7 m

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## Interface module - DFLK 50 - 2280284

### Accessories

#### Cable - FLK 50/EZ-DR/ 750/KONFEK - 2289638



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7.5 m

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#### Cable - FLK 50/EZ-DR/ 800/KONFEK - 2289641



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8 m

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#### Cable - FLK 50/EZ-DR/ 850/KONFEK - 2289654



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8.5 m

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#### Cable - FLK 50/EZ-DR/ 900/KONFEK - 2289667



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 9 m

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#### Cable - FLK 50/EZ-DR/ 950/KONFEK - 2289670



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 9.5 m

## Interface module - DFLK 50 - 2280284

### Accessories

#### Cable - FLK 50/EZ-DR/1000/KONFEK - 2289683



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 10 m

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#### Cable - FLK EZ-DR.../.../... - 2295059



Round cable, with preassembly, not shielded, variable cable length

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#### Cable - FLK 50/EZ-DR/ 50/KONFEK/S - 2299097



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 0.5 m

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#### Cable - FLK 50/EZ-DR/ 100/KONFEK/S - 2299107



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 1 m

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#### Cable - FLK 50/EZ-DR/ 150/KONFEK/S - 2299110



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 1.5 m

## Interface module - DFLK 50 - 2280284

### Accessories

#### Cable - FLK 50/EZ-DR/ 200/KONFEK/S - 2299123



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 2 m

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#### Cable - FLK 50/EZ-DR/ 300/KONFEK/S - 2299136



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 3 m

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#### Cable - FLK 50/EZ-DR/ 400/KONFEK/S - 2299149



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 4 m

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#### Cable - FLK 50/EZ-DR/ 600/KONFEK/S - 2299152



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 6 m

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#### Cable - FLK 50/EZ-DR/ 800/KONFEK/S - 2299165



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 8 m

## Interface module - DFLK 50 - 2280284

### Accessories

Cable - FLK 50/EZ-DR/1000/KONFEK/S - 2299178



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 10 m

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Cable - FLK EZ-DR-S.../.../... - 2295046



Round cable, with preassembly, shielded, variable cable length

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