

## Interface module - FLKM-D50 SUB/S - 2281157

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VARIOFACE module, with screw connection and D-Subminiature pin strip, for mounting on NS 35/7.5 or NS 32, 50-pos.

The figure shows the version  
FLKM-D50 SUB/B



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 5 pc                                                                                                    |
| GTIN         | <br>4 017918 054601 |
| GTIN         | 4017918054601                                                                                           |

### Technical data

#### Dimensions

|        |          |
|--------|----------|
| Width  | 112.5 mm |
| Height | 77 mm    |
| Depth  | 58.5 mm  |

#### Ambient conditions

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

#### General

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Max. perm. operating voltage    | 25 V AC                                |
|                                 | 60 V DC                                |
| Max. perm. current (per branch) | 2.5 A                                  |
|                                 | 1.5 A (with even load on all branches) |
| Number of positions             | 50                                     |
| Mounting position               | any                                    |
| Degree of protection            | IP20                                   |

#### Connection data for connection 1

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## Technical data

### Connection data for connection 1

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

### Standards and Regulations

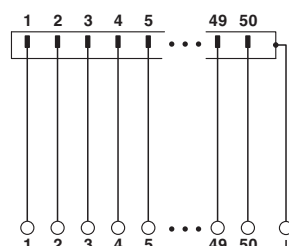
|                                  |                                |
|----------------------------------|--------------------------------|
| Connection in acc. with standard | CUL                            |
| Standards/regulations            | IEC 60664                      |
|                                  | IEC 60664A                     |
|                                  | DIN VDE 0110                   |
|                                  | DIN VDE 0160 (in parts)        |
| Rated insulation voltage         | 125 V                          |
| Rated surge voltage              | 1.2 kV (Functional insulation) |
| Degree of pollution              | 2                              |
| Overvoltage category             | II                             |

### Environmental Product Compliance

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

## Drawings

Circuit diagram



## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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### Approvals

Ex Approvals

#### Approval details

|                    |                                                                                   |                                                                                                                                                       |               |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
|                    |                                                                                   |                                                                                                                                                       |               |
| Nominal voltage UN |                                                                                   | 125 V                                                                                                                                                 |               |
| Nominal current IN |                                                                                   | 2.5 A                                                                                                                                                 |               |
| mm²/AWG/kcmil      |                                                                                   | 30-12                                                                                                                                                 |               |

|                    |                                                                                    |                                                                                                                                                       |               |
|--------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
|                    |                                                                                    |                                                                                                                                                       |               |
| Nominal voltage UN |                                                                                    | 125 V                                                                                                                                                 |               |
| Nominal current IN |                                                                                    | 2.5 A                                                                                                                                                 |               |
| mm²/AWG/kcmil      |                                                                                    | 30-12                                                                                                                                                 |               |

|     |                                                                                     |                          |
|-----|-------------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.A*30.B.01742 |
|-----|-------------------------------------------------------------------------------------|--------------------------|

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

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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