

# Interface module - UM 45-D50SUB/S - 2962816

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VARIOFACE module, with screw connection and D-subminiature pin strip, for assembly on NS 35/7.5, 50 positions (no consecutive numbering)

The figure shows the version UM 45-D37SUB/S



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 017918 087470 |
| GTIN         | 4017918087470   |

## Technical data

### Dimensions

|        |        |
|--------|--------|
| Width  | 156 mm |
| Height | 45 mm  |
| Depth  | 42 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

# Interface module - UM 45-D50SUB/S - 2962816

## Technical data

### Connection data for connection 1

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

### Standards and Regulations

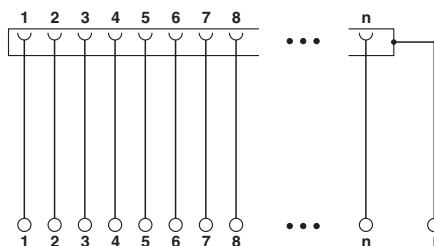
|                                  |                       |
|----------------------------------|-----------------------|
| Connection in acc. with standard | CUL                   |
| Standards/regulations            | IEC 60664             |
|                                  | DIN EN 50178          |
| Rated insulation voltage         | 125 V                 |
| Rated surge voltage              | 1.2 kV                |
| Insulation                       | 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   |               |
| mm <sup>2</sup> /AWG/kcmil |  | 30-14   |               |

|                            |  |   |               |
|----------------------------|--|---|---------------|
| 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   |               |
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| mm <sup>2</sup> /AWG/kcmil |  | 30-14   |               |

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

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

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