

## Interface module - UM 45-FLKS20/ZFKDS - 2968409


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VARIOFACE module, with three-level spring-cage connection and flat-ribbon cable connector, for mounting on NS 35/7.5, 20-pos.



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 017918 932756 |
| GTIN         | 4017918932756   |

### Technical data

#### Dimensions

|        |       |
|--------|-------|
| Width  | 66 mm |
| Height | 45 mm |
| Depth  | 61 mm |

#### Ambient conditions

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

#### General

|                                 |                      |
|---------------------------------|----------------------|
| Max. perm. operating voltage    | < 50 V AC<br>60 V DC |
| Max. perm. current (per branch) | 1 A                  |
| Number of positions             | 20                   |
| Mounting position               | any                  |
| Degree of protection            | IP20                 |

#### Connection data for connection 1

|                                  |             |
|----------------------------------|-------------|
| Connection name                  | Field level |
| Connection in acc. with standard | IEC / EN    |

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## Technical data

### Connection data for connection 1

|                                  |   |
|----------------------------------|---|
| Connection method                | Spring-cage connection                      |
| Stripping length                 | 8 mm  |
| Conductor cross section solid    | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 14                                   |

### Connection data for connection 2

|                       |                   |
|-----------------------|-------------------|
| Connection name       | Controller level  |
| Connection method     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 20                |

### Standards and Regulations

|                                  |                       |
|----------------------------------|-----------------------|
| Connection in acc. with standard | CUL                   |
| Standards/regulations            | IEC 60664             |
|                                  | DIN EN 50178          |
| Rated insulation voltage         | 63 V                  |
| Rated surge voltage              | 0.6 kV                |
| Insulation                       | Functional insulation |
| Degree of pollution              | 2                     |
| Overvoltage category             | II                    |

### Environmental Product Compliance

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

## Approvals

### Approvals

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Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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Ex Approvals

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### Approval details

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## Approvals

|                    |  |   |               |
|--------------------|--|---|---------------|
| 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 |  | 1 A   |               |

|                    |  |   |               |
|--------------------|--|---|---------------|
| 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 |  | 1 A   |               |

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

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

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