

## Passive module - UM 45-FLK14/PLC - 2962476

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VARIOFACE COMPACT LINE, interface module for 8 channels, for assembly on DIN rail NS 35/7.5, screw connection



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 017918 087173 |
| GTIN         | 4017918087173                                                                                           |

### Technical data

#### Dimensions

|        |       |
|--------|-------|
| Width  | 59 mm |
| Height | 45 mm |
| Depth  | 50 mm |

#### Ambient conditions

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

#### General

|                                                  |         |
|--------------------------------------------------|---------|
| Nominal voltage $U_N$                            | 25 V AC |
|                                                  | 60 V DC |
| Max. perm. current (per branch)                  | 1 A     |
| Max. permissible current (separate power supply) | 3 A     |
| Number of positions                              | 14      |
| Mounting position                                | any     |

#### Connection data for connection 1

|                   |                  |
|-------------------|------------------|
| Connection name   | Field level      |
| Connection method | Screw connection |

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### Technical data

#### Connection data for connection 1

|                                  |                      |
|----------------------------------|----------------------|
| Stripping length                 | 6 mm                 |
| Screw thread                     | M3                   |
| Conductor cross section solid    | 0.14 mm² ... 1.5 mm² |
| Conductor cross section flexible | 0.14 mm² ... 1.5 mm² |
| Conductor cross section AWG      | 26 ... 14            |

#### 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 |
| Pollution degree                 | 2                     |
| Overvoltage category             | II                    |

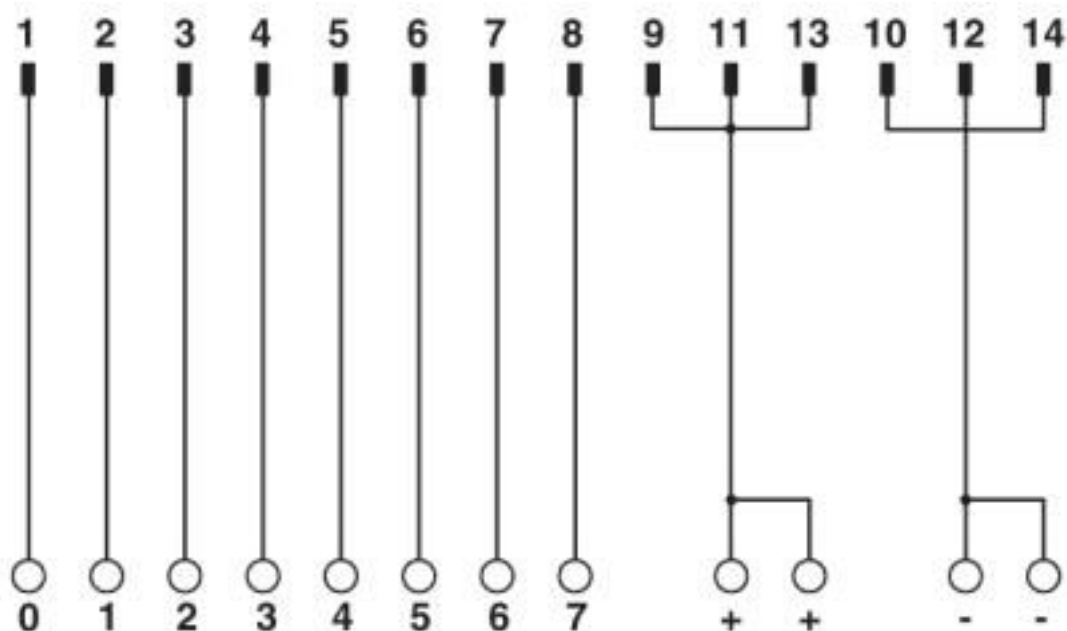
#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| 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" |

### Drawings

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Circuit diagram



UM 45-FLK14/PLC connection scheme

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141152 |
| eCl@ss 11.0   | 27141152 |
| eCl@ss 4.0    | 27250300 |
| eCl@ss 4.1    | 27250300 |
| eCl@ss 5.0    | 27371600 |
| eCl@ss 5.1    | 27371600 |
| eCl@ss 6.0    | 27371600 |
| eCl@ss 7.0    | 27141152 |
| eCl@ss 8.0    | 27141152 |
| eCl@ss 9.0    | 27141152 |

#### ETIM

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

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |

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### Classifications

#### UNSPSC

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

##### Approvals

UL Recognized / EAC

##### 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 238705 |
| Nominal voltage UN |                                                                                     | 125 V                                                                                                                                                 |               |
| Nominal current IN |                                                                                     | 2 A                                                                                                                                                   |               |

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

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