

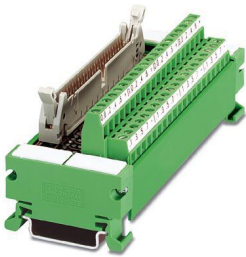
# UM 45-FLK50/S5/A-S115 - Passive module



2965059

<https://www.phoenixcontact.com/us/products/2965059>

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VARIOFACE COMPACT LINE interface module, for analog I/Os of the SIMATIC® S5-135U with SIMATIC®-specific marking

The figure shows version UM 45-FLK50/PLC

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2965059                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | NULL                           |
| Product key                          | DK218S                         |
| GTIN                                 | 4017918107482                  |
| Weight per piece (including packing) | 139.4 g                        |
| Weight per piece (excluding packing) | 99.35 g                        |
| Customs tariff number                | 85369010                       |
| Country of origin                    | DE                             |

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## Technical data

### Notes

|                    |  |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

### Product properties

|                     |              |
|---------------------|--------------|
| Product type        | Relay Module |
| Number of positions | 50           |

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Pollution degree     | 2  |

### Electrical properties

|   |         |
|---|---------|
| Nominal voltage $U_N$                     | 25 V AC |
|   | 50 V DC |
| Max. current carrying capacity per branch | 1 A     |

### Connection data

|                                  |  |
|----------------------------------|--|
| Stripping length                 | 6 mm   |
| Screw thread                     | M3   |
| Conductor cross-section rigid    | 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 ... 14                                    |

### Controller level

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

### Signaling

|                        |    |
|------------------------|----|
| Status display present | no |
|------------------------|----|

### Dimensions

#### Item dimensions

|        |        |
|--------|--------|
| Width  | 126 mm |
| Height | 45 mm  |
| Depth  | 50 mm  |

### Material specifications

|       |                  |
|-------|------------------|
| Color | green (RAL 6021) |
|-------|------------------|

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|                             |     |
|-----------------------------|-----|
| Housing insulation material | PVC |
|-----------------------------|-----|

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

|                       |                         |
|-----------------------|-------------------------|
| Standards/regulations | IEC 60664               |
|                       | DIN VDE 0110            |
|                       | DIN VDE 0160 (in parts) |

## Mounting

|                   |     |
|-------------------|-----|
| Mounting position | any |
|-------------------|-----|

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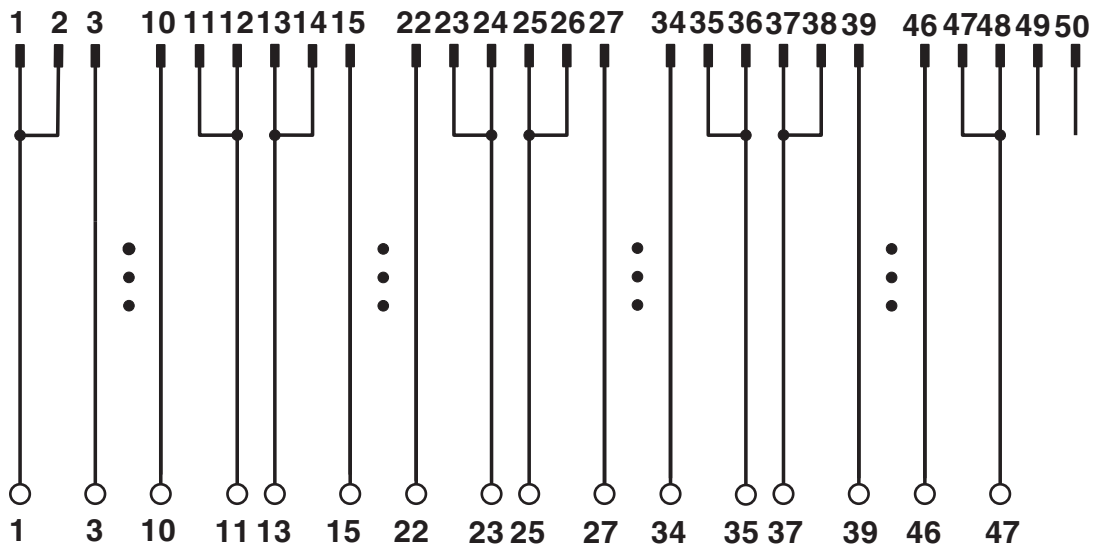


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## Drawings

Circuit diagram



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## Environmental product compliance

EU REACH SVHC

| REACH candidate substance (CAS No.) |  |
|-------------------------------------|--|
|-------------------------------------|--|

|  |                            |
|--|----------------------------|
|  | No substance above 0.1 wt% |
|--|----------------------------|

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