

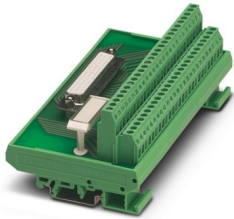
FLKM-D50 SUB/B/MKKDS - Termination board



2304597

<https://www.phoenixcontact.com/us/products/2304597>

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

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2304597 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | NULL |
| Product key | DK2182 |
| GTIN | 4017918973810 |
| Weight per piece (including packing) | 313.5 g |
| Weight per piece (excluding packing) | 313.5 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|------------------|
| Product type | Interface module |
| Number of positions | 50 |

Insulation characteristics

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

Electrical properties

| | |
|---|--|
| Nominal voltage U_N | 125 V AC/DC |
| Max. current carrying capacity per branch | 2.5 A |
| | 1.5 A (with even load on all branches) |
| Max. total current of voltage supply | 2.5 A (per contact) |
| Rated insulation voltage | 125 V |
| Rated surge voltage | 1.2 kV (Functional insulation) |

Connection data

Field level

| | |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross-section rigid | 0.2 mm ² ... 4 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross-section AWG | 24 ... 12 |

Controller level

| | |
|---------------------|--------------------|
| Connection method | D-SUB socket strip |
| Number of positions | 50 |

Signaling

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

Dimensions

Item dimensions

| | |
|--------|----------|
| Width | 146.3 mm |
| Height | 77 mm |
| Depth | 58.5 mm |

Material specifications

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

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

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

Standards and regulations

| | |
|-----------------------|--------------|
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |

Mounting

| | |
|-------------------|---------------------------|
| Mounting type | DIN rail mounting |
| Assembly note | in rows with zero spacing |
| Mounting position | any |

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. |
|--------------------|--|

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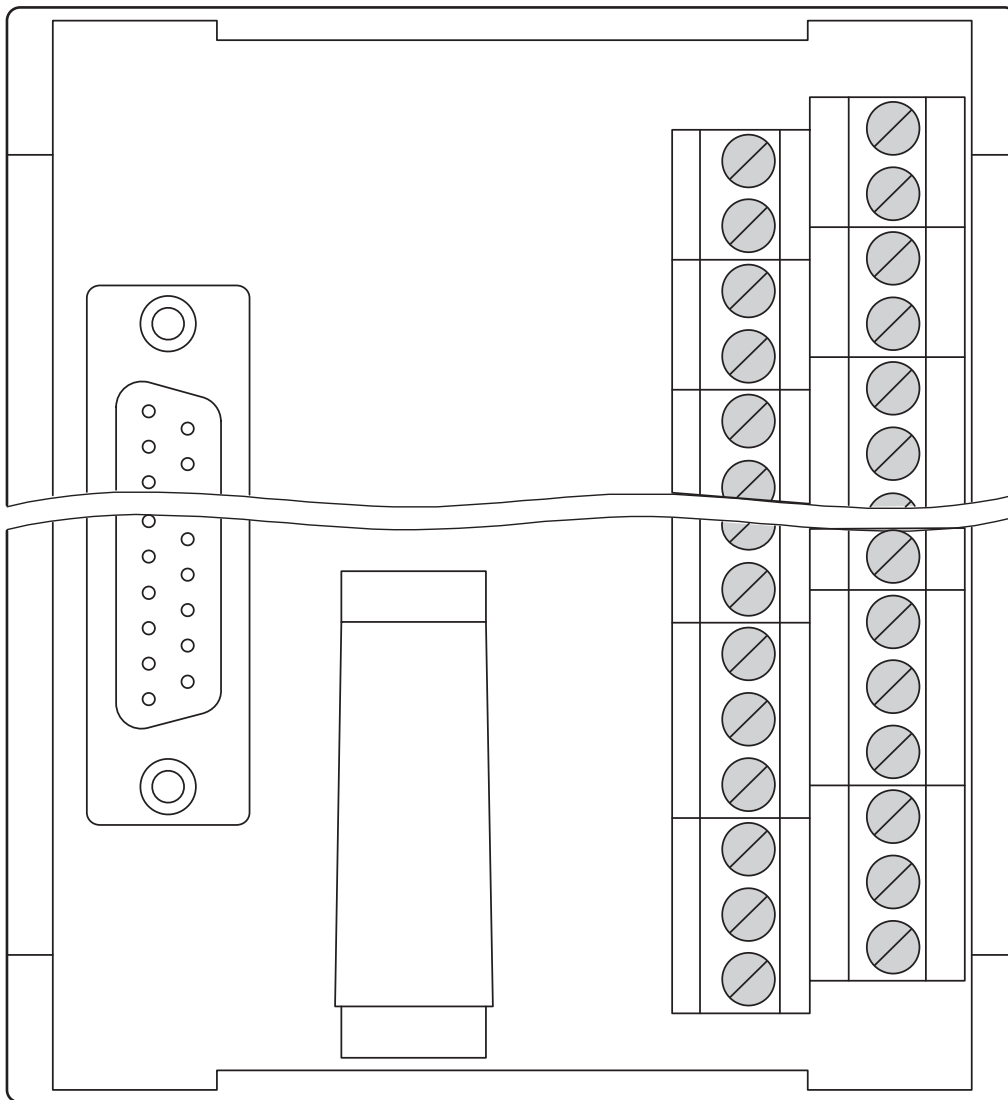


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Drawings

Schematic 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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