

FLKMS-D25 SUB/B - Interface module



2281759

<https://www.phoenixcontact.com/us/products/2281759>

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VARIOFACE module, with screw connection and D-Subminiature socket strip, for mounting on NS 35/7.5 or NS 32, 25-pos.

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2281759 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C422 |
| Product key | CK2222 |
| GTIN | 4017918055004 |
| Weight per piece (including packing) | 168.82 g |
| Weight per piece (excluding packing) | 168.82 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|----------------|-----------------------|
| Product type | Interface module |
| Product family | VARIOFACE |
| Operating mode | 100% operating factor |

Insulation characteristics

| | |
|------------|-----------------------|
| Insulation | Functional insulation |
|------------|-----------------------|

Insulation characteristics: Air clearances and creepage distances

| | |
|----------------------|-----------------------|
| Insulation | Functional insulation |
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical properties

| | |
|------------------------|-----------|
| Operating voltage (AC) | ≤ 30 V AC |
| Operating voltage (DC) | ≤ 60 V DC |
| Current (per branch) | ≤ 2 A |

Air clearances and creepage distances

| | |
|--------------------------|--------------------|
| Rated insulation voltage | 100 V |
| Rated surge voltage | 0.8 kV (1.2/50 μs) |

Connection data

Connection 1 (control level)

| | |
|----------------------------------|-----------------|
| Connection in acc. with standard | IEC 60807-2 |
| Connection method | D-SUB pin strip |
| Screw thread | UNC 4-40 |
| Number of connections | 1 |
| Number of positions | 25 |
| Insertion/withdrawal cycles | > 500 |
| Pitch | 2.77 mm |

Connection 2 (field level)

| | |
|----------------------------------|---------------------|
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Number of positions | 27 |
| Conductor cross section rigid | 0.2 mm² ... 4 mm² |
| Conductor cross section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross section AWG | 24 ... 12 |

Signaling

| | |
|------------------------|----|
| Status display present | No |
|------------------------|----|

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Dimensions

Item dimensions

| | |
|--------|---------|
| Width | 67.5 mm |
| Height | 72 mm |
| Depth | 77 mm |

Environmental and real-life conditions

Ambient conditions

| | |
|--|------------------|
| Degree of protection (Module) | IP20 |
| Degree of protection (Installation location) | ≥ IP54 |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Altitude | ≤ 2000 m |

Standards and regulations

Air clearances and creepage distances

| | |
|-----------------------|----------------|
| Standards/regulations | EN IEC 60664-1 |
|-----------------------|----------------|

Mounting

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

Notes

| | |
|---------|--|
| General | 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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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141152 |
| ECLASS-12.0 | 27141152 |
| ECLASS-13.0 | 27141152 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC002780 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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