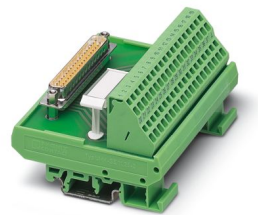


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Standard 1:1 D-SUB module, with spring-cage connection and D-SUB pin strip, no. of positions 25

Your advantages

- 9-pos. ... 50-pos.
- Spring-cage connection technology
- In accordance with IEC 60807-2
- 1:1 connection

Commercial data

| | |
|--------------------------------------|--------------------|
| Item number | 2303006 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | CK2222 |
| Catalog page | Page 308 (IF-2011) |
| GTIN | 4017918943974 |
| Weight per piece (including packing) | 138.6 g |
| Weight per piece (excluding packing) | 141.7 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

FLKM-D25 SUB/S/ZFKDS - Interface module



2303006

<https://www.phoenixcontact.com/pc/products/2303006>

Technical data

Product properties

| | |
|---------------------|------------------|
| Product type | Interface module |
| Number of positions | 25 |

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) | ≤ 2.5 A |
| Current (Total current) | ≤ 62.5 A |

Air clearances and creepage distances

| | |
|--------------------------|-------------------------|
| Rated insulation voltage | 125 V |
| Rated surge voltage | 1.2 kV (1.2/50 μ s) |

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 | Spring-cage connection |
| Number of positions | 26 |
| 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 |

Signaling

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

Dimensions

FLKM-D25 SUB/S/ZFKDS - Interface module



2303006

<https://www.phoenixcontact.com/pc/products/2303006>

Item dimensions

| | |
|--------|----------|
| Width | 78.65 mm |
| Height | 77 mm |
| Depth | 51.27 mm |

Material specifications

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

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 |

Approvals

UKCA

| | |
|-------------|----------------|
| Certificate | UKCA-compliant |
|-------------|----------------|

Standards and regulations

Air clearances and creepage distances

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

Mounting

| | |
|-------------------|-------------------|
| Mounting type | DIN rail mounting |
| 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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