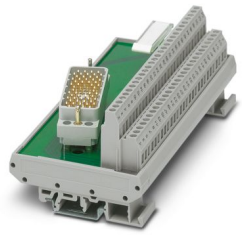
# UMK- EC56/56-XOR - Termination board

2975900

https://www.phoenixcontact.com/us/products/2975900

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Termination board, connection 1: Screw connection, connection 2: EDAC / ELCO pin strip 1x 56-position (ELCO pin strip type 8016/EDAC pin strip type 516, right)

## Commercial data

| | |
|---|---|
| Item number | 2975900 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C422 |
| Product key | DK2186 |
| GTIN | 4017918089191 |
| Weight per piece (including packing) | 330.5 g |
| Weight per piece (excluding packing) | 278.06 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Interface module |
| Product family | VARIOFACE |
| Number of positions | 56 |

Insulation characteristics: Air clearances and creepage distances

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

### Electrical properties

| | |
|---|---|
| Operating voltage (AC/DC) | ≤ 125 V AC/DC |
| Current (Per path) | ≤ 1.5 A |
| Current (Total current) | ≤ 28 A (56 branches with 0.5 A each) |

Air clearances and creepage distances

| | |
|---|---|
| Rated insulation voltage | 125 V |
| Rated surge voltage | 1.5 kV |

### 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 mm² ... 4 mm² |
| Conductor cross-section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross-section AWG | 24 ... 12 |

Controller level

| | |
|---|---|
| Connection method | EDAC / ELCO pin strip |
| Coding | 1-1 |
| Number of connections | 1 |
| Number of positions | 56 |
| Note | ELCO pin strip type 8016/EDAC pin strip type 516, right |

### Signaling

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

### Dimensions

Item dimensions

| | |
|---|---|
| Width | 157.25 mm |

| | |
|---|---|
| Height | 77 mm |
| Depth | 57.37 mm |

## Material specifications

| | |
|---|---|
| Color | gray (RAL 7042) |
| Housing insulation material | Polyamide PA non-reinforced |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP00 |
| 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 60664-1 |

## Mounting

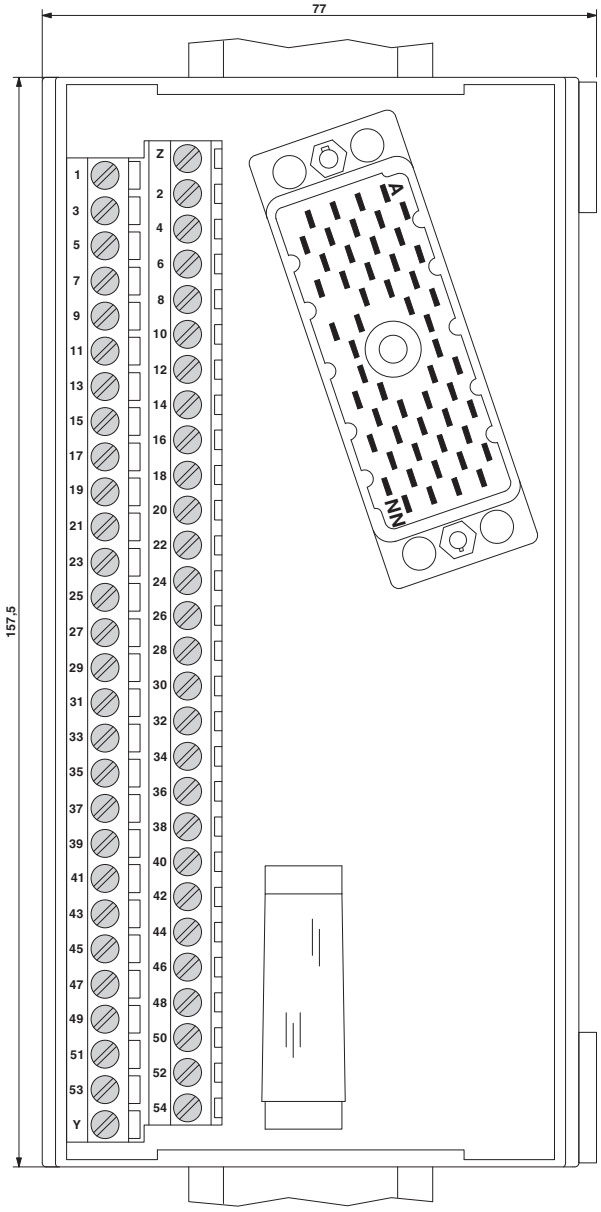
| | |
|---|---|
| Mounting type | DIN rail mounting |
| Assembly note | in rows with zero spacing |
| Mounting position | any |

## Notes

| | |
|---|---|
| Notes on operation | Ensure that the supply voltage of the device has a common reference potential. |
| 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. |

## Drawings

Dimensional drawing



## Connection diagram

| Terminal | Pin strip |
|---|---|
| Z | Z |
| 1 | A |
| 2 | B |
| 3 | C |
| 4 | D |
| 5 | E |
| 6 | F |
| 7 | H |
| 8 | J |
| 9 | K |
| 10 | L |
| 11 | M |
| 12 | N |
| 13 | P |
| 14 | R |
| 15 | S |
| 16 | T |
| 17 | U |
| 18 | V |
| 19 | W |
| 20 | X |
| 21 | a |
| 22 | b |
| 23 | c |
| 24 | d |
| 25 | e |
| 26 | f |
| 27 | h |
| 28 | j |
| 29 | k |
| 30 | l |
| 31 | m |
| 32 | n |
| 33 | p |
| 34 | r |
| 35 | s |
| 36 | t |
| 37 | u |
| 38 | v |
| 39 | w |
| 40 | x |
| 41 | y |
| 42 | z |
| 43 | AA |
| 44 | BB |
| 45 | CC |
| 46 | DD |
| 47 | EE |
| 48 | FF |
| 49 | HH |
| 50 | JJ |
| 51 | KK |
| 52 | LL |
| 53 | MM |
| 54 | NN |
| Y | Y (Shield) |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2975900

**EAC**
Approval ID: RU*DE.*09.B.00387/20

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27141152 |
| ECLASS-15.0 | 27141152 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002780 |

### UNSPSC

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

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |


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