

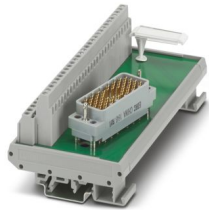
UMK- EC56/56-XOL - Termination board



2975890

<https://www.phoenixcontact.com/us/products/2975890>

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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, left)

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2975890 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C422 |
| Product key | DK2186 |
| GTIN | 4017918089184 |
| Weight per piece (including packing) | 337 g |
| Weight per piece (excluding packing) | 274.44 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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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 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 | 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, left |

Signaling

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

Dimensions

Item dimensions

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

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| | |
|--------|----------|
| 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 | Basic insulation is maintained against adjacent modules (in the DIN rail direction). |
| 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. |

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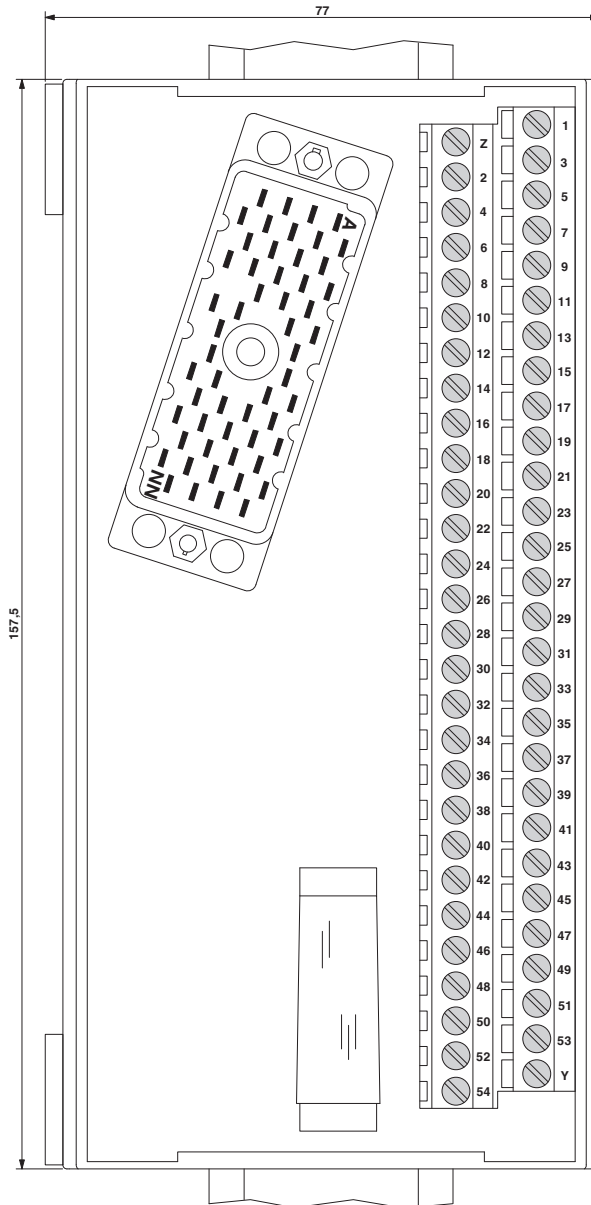
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Drawings

Dimensional drawing



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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) |

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2975890>



EAC

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

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Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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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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