

ME-IO 56,4 C 10U D2,4-TRG 7035 - Upper housing part with touch display



1209364

<https://www.phoenixcontact.com/us/products/1209364>

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DIN rail housing, 10U upper part, integrated 2.4" resistive touch display, resolution: 320 x 240 Pixel(s), interface: 4-wire SPI half duplex, Housing cover, width: 56.88 mm, height: 109.8 mm, depth: 29.5 mm

Your advantages

- Housing system for visualization and operation in the control cabinet
- Coordinated housings with pre-installed touch displays
- Time-saving assembly of ready-to-use modules
- Can be machined for application-specific connection technology

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1209364 |
| Packing unit | 6 pc |
| Minimum order quantity | 6 pc |
| Sales key | AC15 |
| Product key | ACHEBI |
| GTIN | 4063151280352 |
| Weight per piece (including packing) | 58.366 g |
| Weight per piece (excluding packing) | 43.98 g |
| Customs tariff number | 85480090 |
| Country of origin | CN |

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Set consists of

DCT T 2,4 QVGA S RTOUCH - Display

1132710

<https://www.phoenixcontact.com/us/products/1132710>

Resistive touch display, 2.4", resolution: 320 x 240 pixels, interface: SPI, contrast ratio: 500:1, aspect ratio: 3:4, interface: "4-wire SPI half duplex, Glue and Play solution", suitable for polyamide and polycarbonate



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Technical data

Notes

| | |
|---------------|---|
| Assembly note | Please observe the application note in the download area. |
|---------------|---|

Product properties

| | |
|------------------------------|--------------------------|
| Product type | Upper housing part |
| Housing type | DIN rail housing |
| Housing type | Multifunctional housings |
| Housing series | ME-IO |
| Product family | ME-IO 56,4 |
| Ventilation openings present | no |

Display

| | |
|-----------------------|---|
| Display type | Color display TFT |
| Display type | resistive |
| Diagonal | (Display) 2.4 in. / 6.9 cm (Display) |
| Screen resolution | 320 x 240 Pixel(s) (QVGA) |
| Display formats | 4:3 |
| Display lighting type | LED, white |
| Controller | ST7789V |

Interfaces

| | |
|-----------|------------------------|
| Interface | 4-wire SPI half duplex |
|-----------|------------------------|

Dimensions

| | |
|--------|----------|
| Width | 56.88 mm |
| Height | 109.8 mm |
| Depth | 29.5 mm |

Material specifications

| | |
|--|-----------------------|
| Color (Upper housing part) | light gray (RAL 7035) |
| Material Upper housing part | PA |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | 600 |

Environmental and real-life conditions

Vibration test

| | |
|---------------|-----------------------|
| Specification | IEC 60068-2-6:2007-12 |
| Result | Test passed |
| Frequency | 10 - 150 - 10 Hz |

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| | |
|------------------------|-----------------------------|
| Sweep speed | 1 octave/min |
| Amplitude | 0.15 mm (10 Hz ... 58.1 Hz) |
| Acceleration | 20 m/s ² |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

Shocks

| | |
|--------------------------------|-----------------------------------|
| Specification | IEC 60068-2-27:2008-02 |
| Result | Test passed |
| Acceleration | 150 m/s ² |
| Shock duration | 11 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

Test for substances that would hinder coating with paint or varnish

| | |
|---------------|--------------------|
| Specification | VDMA 24364:2018-05 |
| Result | Test passed |

Ambient conditions

| | |
|---|---|
| Max. IP code to attain | IP20 |
| Ambient temperature (operation) | -20 °C ... 70 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -20 °C ... 55 °C |
| Ambient temperature (assembly) | -5 °C ... 70 °C |
| Relative humidity (storage/transport) | 80 % |

Mounting

| | |
|---------------|---------|
| Mounting type | Snap in |
|---------------|---------|

Packaging specifications

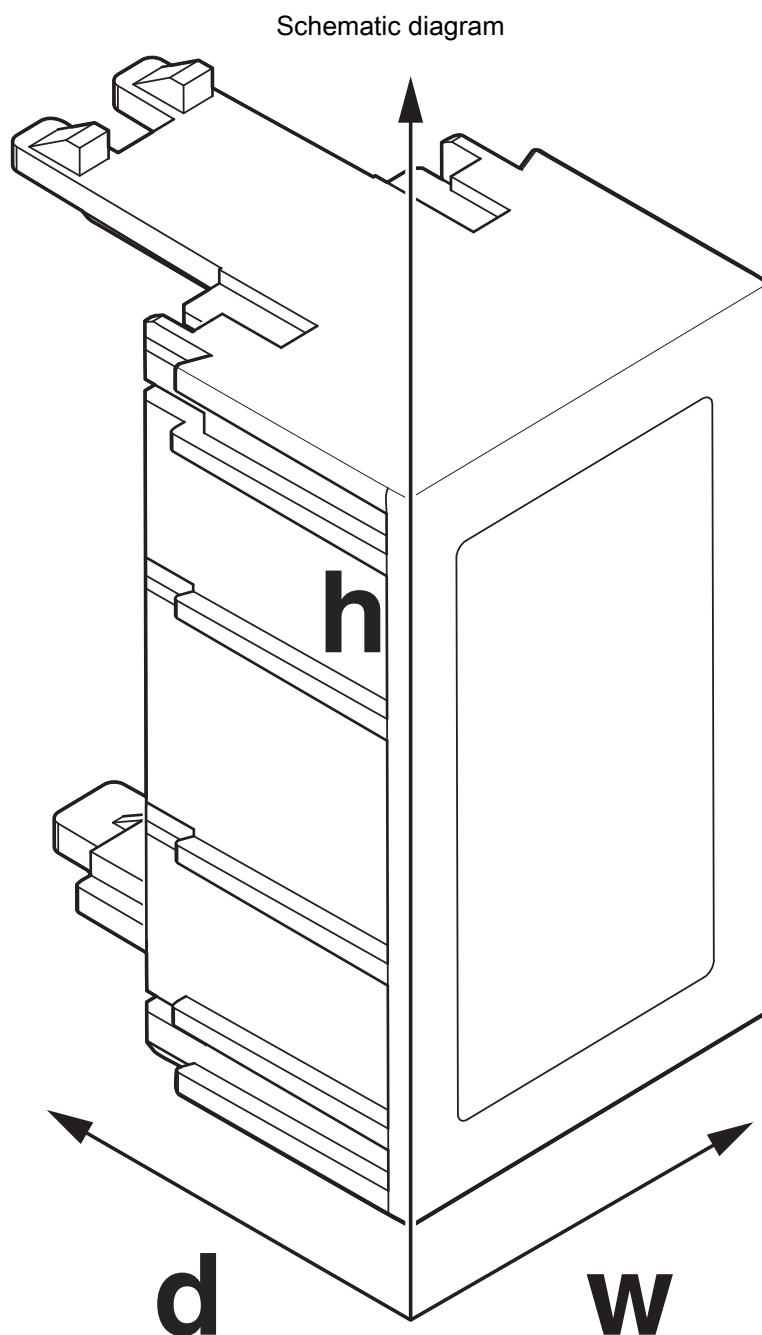
| | |
|----------------------|---------------------|
| Type of packaging | packed in cardboard |
| Outer packaging type | Carton |

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Drawings



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27190603 |
| ECLASS-15.0 | 27190603 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002779 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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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