

ME-IO 18,8-KIT-10U-32-TBUS-7035 - Housing set



1342352

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DIN rail housing, with front connection for DIN rail mounting, color: light gray (similar RAL 7035), width: 18.9 mm, height: 124 mm, depth: 76.5 mm, incl. 8 front connection terminal blocks, 4-pos., Push-in, for 2.5 mm², nominal current: 8 A, 300 V, PCB surface: 6500 mm²

Your advantages

- Easy, tool-free mounting
- Optional DIN rail connector for easy module-to-module communication
- Lock and Release principle for automatic latching and intuitive release of the front connection plug
- Plastic in accordance with UL94 V0: for more rigorous flammability requirements
- Plug-in front connection technology

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1342352 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC15 |
| Product key | ACHEBK |
| GTIN | 4063151651992 |
| Weight per piece (including packing) | 95.9 g |
| Weight per piece (excluding packing) | 95.5 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Set consists of

ME-IO 18,8 B/FE 10U TBUS 7035 - Mounting base housing

2202507

<https://www.phoenixcontact.com/us/products/2202507>



DIN rail housing, Lower housing part with metal foot catch, with vents, width: 18.9 mm, height: 120.6 mm, depth: 64.3 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional), number of positions cross connector: 5 or 8

HSC-LR 9U KIT 2003 - Locking

2201794

<https://www.phoenixcontact.com/us/products/2201794>



DIN rail housing, 9U, Lock and Release system, width: 16.1 mm, height: 111.8 mm, depth: 8.8 mm, color: orange (similar RAL 2003)

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HSCH 2,5-2U/ 8 9005 - PCB header

2201789

<https://www.phoenixcontact.com/us/products/2201789>



PCB headers, nominal cross section: 2.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 8, number of rows: 2, number of positions: 8, number of connections: 8, product range: HSCH 2,5/..-G, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.8 mm, number of solder pins per potential: 1, plug-in system: HSC 2,5, Pin connector pattern alignment: Standard, locking: without, mounting method: without, type of packaging: packed in cardboard

HSCP-SP 2,5-1U4-7035 - PCB connector

2201780

<https://www.phoenixcontact.com/us/products/2201780>



PCB connector, nominal cross section: 2.5 mm², color: light gray, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 2, number of positions: 4, number of connections: 4, product range: HSCP-SP 2,5-..., pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: HSC 2,5, locking: without, mounting method: without, type of packaging: packed in cardboard, Color of the spring lever: orange

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ME-IO 18,8 C 2U 7035 - Housing cover

2201799

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DIN rail housing, 2U, Housing cover, width: 18.9 mm, height: 21.8 mm, depth: 26 mm, color: light gray (similar RAL 7035)

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Technical data

Notes

| | |
|----------------|---|
| Recommendation | Material of contact pads for bus connector, galvanic gold (hard gold) |
| Recommendation | Material of contact pads for bus connector, galvanic gold (hard gold) |
| General | The PCB surface specification is for orientation purposes and is based on a basic PCB. The housing can also accommodate several PCBs. |

Product properties

| | |
|------------------------------|--------------------------|
| Product type | Stackable housing set |
| Housing type | DIN rail housing |
| Housing type | Multifunctional housings |
| Housing series | ME-IO |
| Product family | ME-IO 18,8 |
| Number of positions | 32 |
| Max. number of positions | 32 (pitch: 5 mm) |
| Ventilation openings present | yes |

Connection data

| | |
|-------------------|---------------------------|
| Connection method | Push-in spring connection |
|-------------------|---------------------------|

Dimensions

| | |
|---------------------------------|---------|
| Width | 18.9 mm |
| Height | 124 mm |
| Depth | 76.5 mm |
| Depth from top edge of DIN rail | 70 mm |

PCB design

| | |
|---------------|-------------------|
| PCB thickness | 1.4 mm ... 1.8 mm |
|---------------|-------------------|

Material specifications

| | |
|--|-----------------------|
| Color (Housing) | light gray (RAL 7035) |
| Color (Actuating element) | orange (RAL 2003) |
| Material | PA |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | 600 |

Environmental and real-life conditions

Ambient conditions

| | |
|---|--|
| Max. IP code to attain | IP20 |
| Ambient temperature (operation) | -40 °C ... 105 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 55 °C |

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| | |
|---------------------------------------|------------------|
| Ambient temperature (assembly) | -5 °C ... 100 °C |
| Relative humidity (storage/transport) | max. 80 % |

PCB data

| | |
|-----------------------|----------------------|
| Number of PCB holders | 1 |
| Type of PCB mount | Latching |
| Total PCB surface | 6500 mm ² |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

Mounting

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

Packaging specifications

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27190301 |
| ECLASS-15.0 | 27190301 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001031 |
|-----------|----------|

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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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