

# ME-IO 37,6-KIT-10U-2RJ45-TBUS-7035 - Housing set



1342356

<https://www.phoenixcontact.com/us/products/1342356>

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DIN rail housing, with front connection for DIN rail mounting, color: light gray (similar RAL 7035), width: 37.89 mm, height: 124.3 mm, depth: 76.5 mm, incl. 2 front connection terminal blocks, 4-pos., Push-in, for 2.5 mm<sup>2</sup>, nominal current: 8 A, 300 V, 2 RJ45 jacks, PCB surface: 10300 mm<sup>2</sup>

## 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                          | 1342356       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC15          |
| Product key                          | ACHEBK        |
| GTIN                                 | 4063151652265 |
| Weight per piece (including packing) | 94 g          |
| Weight per piece (excluding packing) | 88 g          |
| Customs tariff number                | 85369010      |
| Country of origin                    | DE            |

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## Set consists of

### ME-IO 37,6 LB 10U TBUS 7035 - Mounting base housing

2202618

<https://www.phoenixcontact.com/us/products/2202618>



DIN rail housing, Lower housing part with metal foot catch, with vents, width: 37.89 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

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### HSC-LR 3U KIT 2003 - Locking

2201797

<https://www.phoenixcontact.com/us/products/2201797>



DIN rail housing, 3U, Lock and Release system, width: 16.1 mm, height: 45.95 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 mm<sup>2</sup>, 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

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

2201780

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



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, 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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## CUC-SP-J1ST-AR4LB-SMD - Modular RJ45 PCB connectors

1149874

<https://www.phoenixcontact.com/us/products/1149874>



Modular RJ45 PCB connectors, 1x1 single-port, connection direction of the connector to the PCB: 90 °, Tab down, Shielded, number of positions: 8, 10 Gbps, PoE++, SMT, SMD, Reflow, IP20, type of packaging: Tape and Reel

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## ME-IO 18,8 LC 8U 2RJ45 7035 - Housing cover

1224119

<https://www.phoenixcontact.com/us/products/1224119>



DIN rail housing, 8U L-design with function cutout for 2x RJ45, Housing cover, width: 20.94 mm, height: 114.1 mm, depth: 30.1 mm, color: light gray (similar RAL 7035)

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## ME-IO 18,8 C 10U 7035 - Housing cover

2202630

<https://www.phoenixcontact.com/us/products/2202630>



DIN rail housing, 10U, Housing cover, width: 18.9 mm, height: 109.8 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 series               | ME-IO                 |
| Product family               | ME-IO 37,6            |
| Number of positions          | 8                     |
| Max. number of positions     | 8 (pitch: 5 mm)       |
| Ventilation openings present | yes                   |

### Connection data

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

### Dimensions

|                                 |          |
|---------------------------------|----------|
| Width                           | 37.89 mm |
| Height                          | 124.3 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                    |
| Surface characteristics                | untreated             |

### 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                                   |
| Ambient temperature (assembly)          | -5 °C ... 100 °C                                   |

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|                                       |           |
|---------------------------------------|-----------|
| Relative humidity (storage/transport) | max. 80 % |
|---------------------------------------|-----------|

## PCB data

|                       |                       |
|-----------------------|-----------------------|
| Number of PCB holders | 2                     |
| Type of PCB mount     | Latching              |
| Total PCB surface     | 10300 mm <sup>2</sup> |
| 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)