

ICS50-KIT-BC100X110-V-V-7035+8PSC4 - Housing set



1342857

<https://www.phoenixcontact.com/us/products/1342857>

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DIN rail housing, for mounting on a DIN rail, with closed latching cover, color: light gray (similar RAL 7035), width: 50.1 mm, height: 100 mm, depth: 116.7 mm, incl. 8 PCB connectors, 4-pos., screw connection, for 2.5 mm², nominal current: 16 A, 320 V, PCB surface: 9600 mm²

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1342857 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC09 |
| Product key | ACHAEK |
| GTIN | 4063151653224 |
| Weight per piece (including packing) | 197.6 g |
| Weight per piece (excluding packing) | 200 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Set consists of

ICC25-PSC2,5/4-5,0-AA-7035 - PCB connector

1084027

<https://www.phoenixcontact.com/us/products/1084027>



PCB connector, nominal cross section: 2.5 mm², color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: ICC...PSC2,5/...5,0, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: ICC 2,5, locking: without, mounting method: without, type of packaging: packed in cardboard

ICC25-H/4R5,0-7035 - PCB header

2203903

<https://www.phoenixcontact.com/us/products/2203903>



PCB headers, nominal cross section: 2.5 mm², color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: ICC...H/...R5,0, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: ICC 2,5, Pin connector pattern alignment: Standard, locking: Snap-in locking, mounting method: without, type of packaging: Box packaging, Product with pin output on right side

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ICC25-H/4L5,0-7035 - PCB header

2203902

<https://www.phoenixcontact.com/us/products/2203902>



PCB headers, nominal cross section: 2.5 mm², color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: ICC...-H/...L5,0, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: ICC 2,5, Pin connector pattern alignment: Standard, locking: Snap-in locking, mounting method: without, type of packaging: Box packaging, Product with pin output on left side

ICS-FE-CONTACT - Functional ground contact

2203904

<https://www.phoenixcontact.com/us/products/2203904>



Functional ground contact, for ICS series electronics housings

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ICS25-F22S-7035 - Connection plate

2203890

<https://www.phoenixcontact.com/us/products/2203890>

DIN rail housing, ICS filler, closed, width: 25 mm, height: 7.25 mm, depth: 22.4 mm, color: light gray (similar RAL 7035)



ICS50-C100X12-7035 - Upper housing part

1076995

<https://www.phoenixcontact.com/us/products/1076995>

DIN rail housing, Upper part, closed, Housing cover, width: 50.1 mm, height: 100 mm, depth: 14.35 mm, color: light gray (similar RAL 7035)



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ICS50-B100X98-V-V-7035 - Mounting base housing

1076998

<https://www.phoenixcontact.com/us/products/1076998>



DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 50.1 mm, height: 100 mm, depth: 108.35 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional), number of positions cross connector: 8

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Technical data

Notes

| | |
|----------------|---|
| Assembly note | Please observe the assembly instructions available in the download area. |
| 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. |

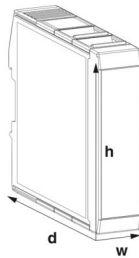
Product properties

| | |
|-----------------------------------|-----------------------|
| Product type | Stackable housing set |
| Housing type | DIN rail housing |
| Housing series | ICS |
| Number of positions | 32 |
| Max. number of positions | 32 (pitch: 5 mm) |
| Number of rows | 4 |
| Ventilation openings present | yes |
| Anzahl der Etagen Housing (Makro) | 3 (Both sides) |

Connection data

| | |
|-------------------|--------------------------------------|
| Connection method | Screw connection with tension sleeve |
|-------------------|--------------------------------------|

Dimensions

| | |
|---------------------------------|---|
| Dimensional drawing |  |
| Width | 50.1 mm |
| Height | 100 mm |
| Depth | 116.7 mm |
| Depth from top edge of DIN rail | 110 mm |

PCB design

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

Material specifications

| | |
|----------------------------|-----------------------|
| Color (Lower housing part) | light gray (RAL 7035) |
| Color (Upper housing part) | light gray (RAL 7035) |
| Material | PA |

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| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

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 |
| Relative humidity (storage/transport) | 80 % (maximum) |

PCB data

| | |
|-----------------------|----------------------|
| Number of PCB holders | 4 |
| Type of PCB mount | Slot |
| Total PCB surface | 9600 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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Drawings

Dimensional drawing



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 | 27190301 |
| ECLASS-15.0 | 27190301 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC001031 |
|----------|----------|

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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