

## Upper part of housing - ICS25-C100X12-7035 - 2203882

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DIN rail housing, Upper part, closed, width: 25 mm, height: 100 mm, depth: 12 mm, color: light gray (7035)




### Your advantages

- ✓ Flexible use, thanks to the modular system and unique modularity in the connection technology
- ✓ Standardized connections such as RJ45, USB, D-SUB and antenna sockets as components that can be integrated
- ✓ Optimal space utilization, as well as adaptability of design, colors, and printing
- ✓ Eight-position DIN rail connectors with parallel and up to two serial contacts for easy module-to-module communication



### Key Commercial Data

|                        |   |
|------------------------|---|
| Packing unit           | 10 pc   |
| Minimum order quantity | 10 pc   |
| GTIN                   | <br>4 055626 465579 |
| GTIN                   | 4055626465579   |

### Technical data

#### Item properties

|                           |                       |
|---------------------------|-----------------------|
| Brief article description | Upper part of housing |
| Type                      | ICS25-C100X12-7035    |
| Order No.                 | 2203882               |
| Housing type              | DIN rail housing      |
| Type                      | Upper part, closed    |
| Max. IP code to attain    | IP20                  |
| Mounting type             | Snap in               |

#### Dimensions

|              |        |
|--------------|--------|
| Width [ w ]  | 25 mm  |
| Height [ h ] | 100 mm |

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## Technical data

### Dimensions

|             |       |
|-------------|-------|
| Depth [ d ] | 12 mm |
|-------------|-------|

### Material data

|  |                   |
|--|-------------------|
| Housing material                       | Polyamide         |
| Color (RAL)                            | light gray (7035) |
| Flammability rating according to UL 94 | V0                |

### Ambient conditions

|   |  |
|---|--|
| Ambient temperature (storage/transport) | -40 °C ... 55 °C                                   |
| Ambient temperature (assembly)          | -5 °C ... 100 °C                                   |
| Ambient temperature (operation)         | -40 °C ... 105 °C (depending on power dissipation) |
| Relative humidity (storage/transport)   | 80 %   |

### Mechanical strength/tumbling barrel

|                       |                        |
|-----------------------|------------------------|
| Specification         | IEC 60068-2-31:2008-05 |
| Height of fall        | 50 cm                  |
| Number of drop cycles | 50                     |

### Thermostability (Ball Thrust Test)

|               |                        |
|---------------|------------------------|
| Specification | IEC 60695-10-2:2014-02 |
| Temperature   | 125 °C                 |
| Test duration | 1 h                    |
| Force         | 20                     |

### Test for assessing the risk of fire (glow wire)

|                  |                        |
|------------------|------------------------|
| Specification    | IEC 60695-2-11:2014-02 |
| Temperature      | 850 °C                 |
| Time of exposure | 30 s                   |

### Testing for paint wetting impairment substances (LABS-conformity)

|               |                      |
|---------------|----------------------|
| Specification | VW PV 3.10.7:2005-02 |
|---------------|----------------------|

### General information

|              |   |
|--------------|---|
| Type of note | Assembly instruction:                                       |
| Note         | Refer to the data sheet for the range in the download area. |

### Packaging information

|                            |                     |
|----------------------------|---------------------|
| Type of packaging          | packed in cardboard |
| Pieces per package         | 10                  |
| Denomination packing units | Pcs.                |
| Outer packaging type       | Carton              |

### Standards and regulations

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

### Environmental Product Compliance

# Upper part of housing - ICS25-C100X12-7035 - 2203882

## Technical data

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27182702 |
| eCl@ss 11.0   | 27182702 |
| eCl@ss 5.1    | 27180505 |
| eCl@ss 6.0    | 27180800 |
| eCl@ss 7.0    | 27182702 |
| eCl@ss 8.0    | 27182702 |
| eCl@ss 9.0    | 27182702 |

### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC001031 |
| ETIM 6.0 | EC001031 |
| ETIM 7.0 | EC001031 |

## Approvals

### Approvals

#### Approvals

UL Recognized

#### Ex Approvals

### Approval details

|               |  |   |               |
|---------------|--|---|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 240868 |
|---------------|--|---|---------------|

## Accessories

### Accessories

Component housing lower part

## Upper part of housing - ICS25-C100X12-7035 - 2203882

### Accessories

#### Mounting base housing - ICS25-B100X98-V-7035 - 2203881



DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 25 mm, height: 100 mm, depth: 108.35 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: light gray (7035)

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#### Mounting base housing - ICS25-B100X120-V-7035 - 2203884



DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 25 mm, height: 100 mm, depth: 130.9 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: light gray (7035)

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### Connection plate

#### Connection plate - ICS25-F22S-7035 - 2203890



DIN rail housing, ICS filler, closed, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

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#### Connection plate - ICS25-F45S-7035 - 2203891



DIN rail housing, ICS filler, closed, width: 25 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)

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#### Connection plate - ICS25-F22V-7035 - 1079495



DIN rail housing, ICS filler, with vents, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

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## Upper part of housing - ICS25-C100X12-7035 - 2203882

### Accessories

Connection plate - ICS25-F45V-7035 - 1079492

DIN rail housing, ICS filler, with vents, width: 25 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)



Connection plate - ICS25-F22J-7035 - 2203895

DIN rail housing, ICS filler, with RJ45 function cutout, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)



Connection plate - ICS25-F22U-7035 - 1053046

DIN rail housing, ICS filler, with USB function cutout, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)



Connection plate - ICS25-F22A-7035 - 2203894

DIN rail housing, ICS filler, with antenna function cutout, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)



Connection plate - ICS25-F45D15-7035 - 2203896

DIN rail housing, ICS filler, with D-SUB 15 function cutout, width: 25 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)



DIN rail connector

## Upper part of housing - ICS25-C100X12-7035 - 2203882

### Accessories

#### DIN rail bus connectors - TBUS8-25,0-PPPPPPPP-7035 - 2202891



DIN rail connector, color: light gray, nominal current: 6 A (parallel contacts), rated voltage (III/2): 32 V, Number of positions per row: 8, pitch: 2.54 mm, mounting: DIN rail mounting, Locking: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 8 parallel contacts

#### DIN rail bus connectors - TBUS8-25,0-PPPPPPPS-7035 - 2202890



DIN rail connector, color: light gray, nominal current: 6 A, 4 A (parallel contacts) (Serial contacts), rated voltage (III/2): 32 V, Number of positions per row: 8, pitch: 2.54 mm, mounting: DIN rail mounting, Locking: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 7 parallel contacts/1 serial contact

#### DIN rail bus connectors - TBUS8-25,0-PPPPPPSS-7035 - 2202895



DIN rail connector, color: light gray, nominal current: 6 A, 4 A (parallel contacts) (Serial contacts), rated voltage (III/2): 32 V, Number of positions per row: 8, pitch: 2.54 mm, mounting: DIN rail mounting, Locking: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 6 parallel contacts/2 serial contacts

### PCB headers

#### Feed-through header - ICC25-H/4L5,0-7035 - 2203902



PCB headers, color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, type of contact: Male connector, Number of potentials: 4, Number of rows: 1, Number of positions per row: 4, number of connections: 4, product range: ICC25-H/..L, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Locking: Snap-in locking, type of packaging: Box packaging, Product with pin output on left side

#### Feed-through header - ICC25-H/4R5,0-7035 - 2203903



PCB headers, color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, type of contact: Male connector, Number of potentials: 4, Number of rows: 1, Number of positions per row: 4, number of connections: 4, product range: ICC25-H/..R, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Locking: Snap-in locking, type of packaging: Box packaging, Product with pin output on right side

### PCB plug

## Upper part of housing - ICS25-C100X12-7035 - 2203882

### Accessories

#### Printed-circuit board connector - PSPT 2,5/ 4-ST KMGY - 2202344



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 16 A, rated voltage (III/2): 300 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 4, Number of rows: 1, Number of positions per row: 4, number of connections: 4, product range: PSPT 2,5/..-ST, pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: CLASSIC COMBICON, Locking: Snap-in locking, type of packaging: packed in cardboard, Color of the spring lever: orange

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#### Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP GY7035 - 2200332



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, Number of rows: 1, Number of positions per row: 4, product range: MSTBT 2,5 HC/..-STP, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, Stecksystem: POWER COMBICON 2,5, Locking: without

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