

## Upper part of housing - ICS25-C77X12-7035 - 1019703

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DIN rail housing, Upper part, closed, width: 25 mm, height: 77 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	 4 055626 507248
GTIN	4055626507248
Weight per Piece (excluding packing)	8.470 g
Custom tariff number	85389099
Country of origin	Germany
Sales Key	ACHAED

### Technical data

#### Item properties

Brief article description	Upper part of housing
Type	ICS25-C77X12-7035
Order No.	1019703
Housing type	DIN rail housing
Housing series	ICS
Range of articles	ICS25
Type	Upper part, closed

## Upper part of housing - ICS25-C77X12-7035 - 1019703

### Technical data

#### Item properties

Max. IP code to attain	IP20
Mounting type	Snap in
Ventilation openings present	no

#### Dimensions

Caption	Schematic representation - for further information, see product drawing in the Download Center
Width [ w ]	25 mm
Height [ h ]	77 mm
Depth [ d ]	12 mm

#### Material data

Housing material	Polyamide
Surface characteristics	untreated
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 N

#### 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
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#### General information

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

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## Technical data

### Packaging information

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

### Standards and regulations

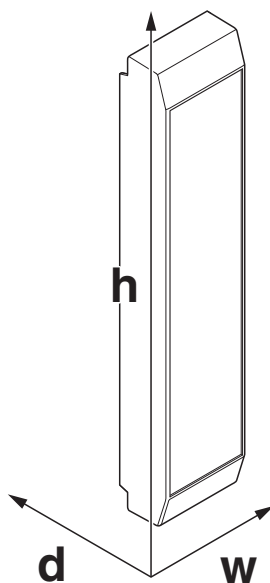
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## Drawings

Dimensional drawing



Schematic representation - for further information, see product drawing in the Download Center

## 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 9.0	27182702

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## Classifications

### ETIM

ETIM 6.0	EC001031
ETIM 7.0	EC001031

## Approvals

### Approvals

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#### Approvals


UL Recognized

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#### Ex Approvals

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### 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
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## Accessories

### Accessories

#### Component housing lower part

Mounting base housing - ICS25-B77X75-O-7035 - 2203876



DIN rail housing, Lower housing part with metal foot catch, width: 25 mm, height: 77.5 mm, depth: 85.8 mm, color: light gray (7035), cross connection: DIN rail connector (optional), number of positions cross connector: 8

### 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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### Accessories

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)



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)



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)



## Upper part of housing - ICS25-C77X12-7035 - 1019703

### Accessories

#### 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)

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#### 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)

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### DIN rail connector

#### 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, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 8 parallel contacts

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#### 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, mounting: 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

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#### 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, mounting: 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

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### PCB header

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### Accessories

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



PCB header, nominal cross section: 2.5 mm<sup>2</sup>, 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: ICC..-H/..L5,0, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Pin connector pattern alignment: Standard, Locking: Snap-in locking, mounting: without, type of packaging: Box packaging, Product with pin output on left side

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



PCB header, nominal cross section: 2.5 mm<sup>2</sup>, 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: ICC..-H/..R5,0, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Pin connector pattern alignment: Standard, Locking: Snap-in locking, mounting: without, type of packaging: Box packaging, Product with pin output on right side

### PCB plug

#### 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 °, Locking clip: - Locking clip, Locking: without, mounting: without, type of packaging: packed in cardboard, Color of the spring lever: orange

#### 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 °, plug-in system: POWER COMBICON 2,5, Locking: without, mounting: without