

## Upper part of housing - ICS50-C100X12-9005 - 1076892

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DIN rail housing, Upper part, closed, width: 50 mm, height: 100 mm, depth: 12 mm, color: black (9005)




### 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 785646
GTIN	4055626785646

### Technical data

#### Item properties

Brief article description	Upper part of housing
Type	ICS50-C100X12-9005
Order No.	1076892
Housing type	DIN rail housing
Type	Upper part, closed
Max. IP code to attain	IP20
Mounting type	Snap in

#### Dimensions

Width [ w ]	50 mm
Height [ h ]	100 mm
Depth [ d ]	12 mm

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## Technical data

### Material data

Housing material	Polyamide
Color (RAL)	black (9005)
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

### Test for substances that would hinder coating with paint or varnish

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.

### 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
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## Technical data

### Environmental Product Compliance

	No hazardous substances above threshold values
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## Classifications

### eCl@ss

eCl@ss 10.0.1	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

## Accessories

### Accessories

#### Component housing lower part

#### Mounting base housing - ICS50-B100X98-V-V-9005 - 1076893



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, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: black (9005)

#### Mounting base housing - ICS50-B100X98-O-O-9005 - 1118654



DIN rail housing, Lower housing part with metal foot catch, width: 50.1 mm, height: 100 mm, depth: 108.35 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: black (9005)

## Connection plate

## Upper part of housing - ICS50-C100X12-9005 - 1076892

### Accessories

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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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)

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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)

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## Upper part of housing - ICS50-C100X12-9005 - 1076892

### Accessories

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)

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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, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray, mounting: DIN rail, 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, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray, mounting: DIN rail, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 7 parallel contacts/1 serial contact

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## Upper part of housing - ICS50-C100X12-9005 - 1076892

### Accessories

DIN rail bus connectors - TBUS8-25,0-PPPPSS-7035 - 2202895



DIN rail connector, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray, mounting: DIN rail, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 6 parallel contacts/2 serial contacts

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### PCB headers

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



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Product with pin output on left side

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



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Product with pin output on right side

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### PCB plug

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



PCB connector, nominal current: 16 A, rated voltage (III/2): 300 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 4, pitch: 5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin, Color of the spring lever: orange

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



PCB connector, nominal current: 16 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 4, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Tin

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