Upper part of housing - ICS50-TL100X12-5015

1076913

https://www.phoenixcontact.com/us/products/1076913

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DIN rail housing, Upper part, with transparent hinged cover, width: 50.1 mm, height: 101 mm, depth: 14.35 mm, color: blue (5015)

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

Commercial Data

Item number	1076913
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to Order (non-returnable)
Sales Key	A13
Product Key	ACHAEC
GTIN	4055626785189
Weight per Piece (including packing)	27.7 g
Weight per Piece (excluding packing)	19.62 g
Customs tariff number	85389099
Country of origin	DE

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Technical Data

Notes

Assembly instruction:	Refer to the data sheet for the range in the download area.

Product properties

Product type	Upper housing part
Type	Upper part, with transparent hinged cover
Housing type	DIN rail housing
Ventilation openings present	no
Housing series	ICS

Dimensions

Dimensional drawing	
Width	50.1 mm
Height	101 mm
Depth	14.35 mm

Material specifications

Color	blue (5015)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Surface characteristics	untreated
Housing material	Polyamide

Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 - 58.1 Hz)
Acceleration	2g (58.1 - 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Glow-wire test

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

Thermal stability / ball thrust test

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

Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50

Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Semi-sinusoidal
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Test for substances that would hinder coating with paint or varnish

Specification	VDMA 24364:2018-05
Result	Test passed

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP20

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 %

PCB data

Number of PCB holders	4
Type of PCB mount	Slot

Mounting

Mounting type	Snap in
Mounting position	Vertical (horizontal DIN rail)

Packaging specifications

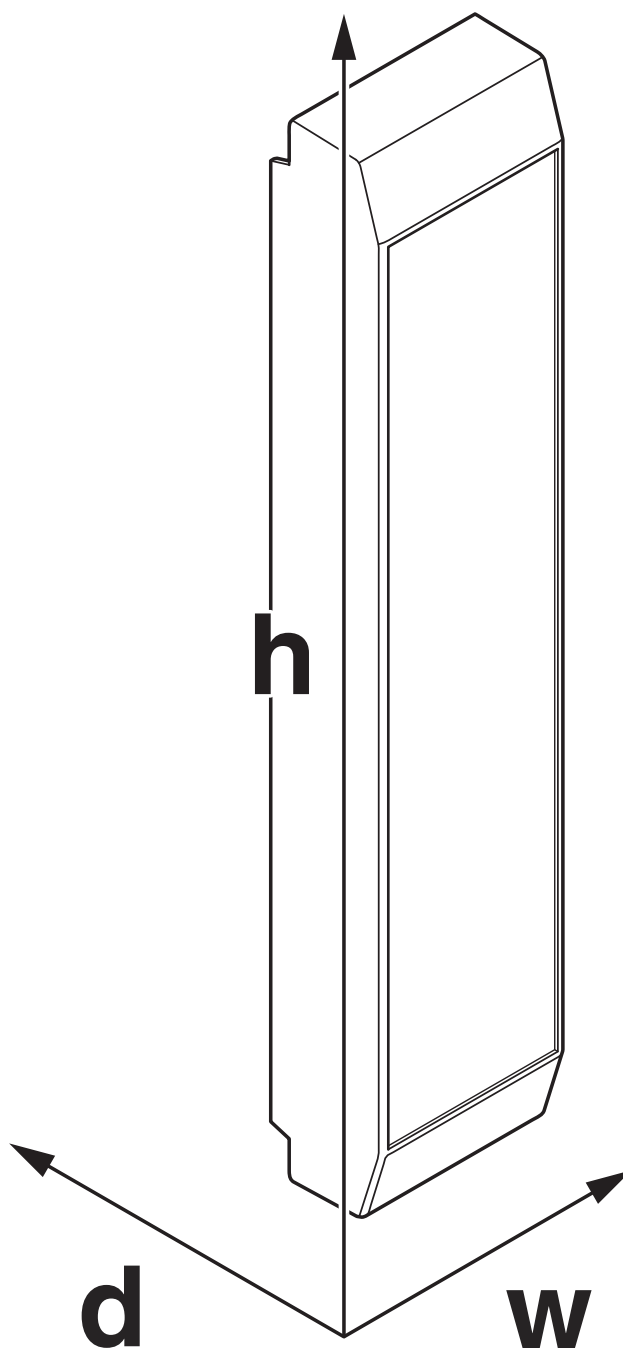| Type of packaging	packed in cardboard
Outer packaging type	Carton

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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Approvals

	UL Recognized
	Approval ID: FILE E 240868

Classifications

ECLASS

ECLASS-9.0	27182702
ECLASS-10.0.1	27182702
ECLASS-11.0	27182702

ETIM

ETIM 8.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

Environmental Product Compliance

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

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Accessories

Mounting base housing

Mounting base housing - ICS50-B100X98-V-V-5015 - 1076921

https://www.phoenixcontact.com/us/products/1076921

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: blue (5015), cross connection: DIN rail connector (optional), number of positions cross connector: 8

Mounting base housing

Mounting base housing - ICS50-B100X98-O-O-5015 - 1118656

https://www.phoenixcontact.com/us/products/1118656

DIN rail housing, Lower housing part with metal foot catch, width: 50.1 mm, height: 100 mm, depth: 108.35 mm, color: blue (5015), cross connection: DIN rail connector (optional), number of positions cross connector: 8

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PCB header

PCB header - ICC25-H/4L5,0-7035 - 2203902

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

PCB headers, nominal cross section: 2.5 mm^2, color: light grey, 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: 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, Pin connector pattern alignment: Standard, locking: Snap-in locking, mounting: without, type of packaging: Box packaging, Product with pin output on left side

PCB header

PCB header - ICC25-H/4R5,0-7035 - 2203903

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

PCB headers, nominal cross section: 2.5 mm^2, color: light grey, 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: 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, Pin connector pattern alignment: Standard, locking: Snap-in locking, mounting: without, type of packaging: Box packaging, Product with pin output on right side

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Printed-circuit board connector

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

https://www.phoenixcontact.com/us/products/2202344

PCB connector, nominal cross section: 2.5 mm^2, color: light grey, 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: 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

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

https://www.phoenixcontact.com/us/products/2200332

PCB connector, nominal cross section: 2.5 mm^2, color: light grey, 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: 4, product range: MSTBT 2,5 HC/..-STP, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5 HC, locking: without, mounting: without

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Connection plate

Connection plate - ICS25-F22S-7035 - 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 grey (7035)

Connection plate

Connection plate - ICS25-F45S-7035 - 2203891

https://www.phoenixcontact.com/us/products/2203891

DIN rail housing, ICS filler, closed, width: 25 mm, height: 7.25 mm, depth: 44.9 mm, color: light grey (7035)

Upper part of housing - ICS50-TL100X12-5015

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Connection plate

Connection plate - ICS25-F22V-7035 - 1079495

https://www.phoenixcontact.com/us/products/1079495

DIN rail housing, ICS filler, with vents, width: 25 mm, height: 7.25 mm, depth: 22. 4 mm, color: light grey (7035)

Connection plate

Connection plate - ICS25-F45V-7035 - 1079492

https://www.phoenixcontact.com/us/products/1079492

DIN rail housing, ICS filler, with vents, width: 25 mm, height: 7.25 mm, depth: 44. 9 mm, color: light grey (7035)

Upper part of housing - ICS50-TL100X12-5015

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https://www.phoenixcontact.com/us/products/1076913

Connection plate

Connection plate - ICS25-F22J-7035 - 2203895

https://www.phoenixcontact.com/us/products/2203895

DIN rail housing, ICS filler, with RJ45 function cutout, width: 25 mm, height: 7.25 mm, depth: 22.4 mm, color: light grey (7035)

Connection plate

Connection plate - ICS25-F22U-7035 - 1053046

https://www.phoenixcontact.com/us/products/1053046

DIN rail housing, ICS filler, with USB function cutout, width: 25 mm, height: 7.25 mm, depth: 22.4 mm, color: light grey (7035)

Upper part of housing - ICS50-TL100X12-5015

Connection plate

Connection plate - ICS25-F22A-7035 - 2203894

https://www.phoenixcontact.com/us/products/2203894

DIN rail housing, ICS filler, with antenna function cutout, width: 25 mm, height: 7.25 mm, depth: 22.4 mm, color: light grey (7035)

Connection plate

Connection plate - ICS25-F45D15-7035 - 2203896

https://www.phoenixcontact.com/us/products/2203896

DIN rail housing, ICS filler, with D-SUB 15 function cutout, width: 25 mm, height: 7.25 mm, depth: 44.9 mm, color: light grey (7035)

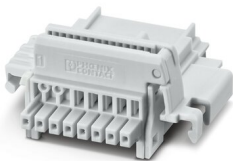# Upper part of housing - ICS50-TL100X12-5015

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DIN rail bus connectors

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

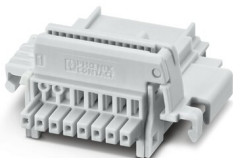https://www.phoenixcontact.com/us/products/2202891

DIN rail connector, color: light grey, nominal current: 6 A (parallel contacts), rated voltage (III/2): 32 V, number of positions: 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

DIN rail bus connectors

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

https://www.phoenixcontact.com/us/products/2202890

DIN rail connector, color: light grey, nominal current: 6 A, 4 A (parallel contacts) (Serial contacts), rated voltage (III/2): 32 V, number of positions: 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
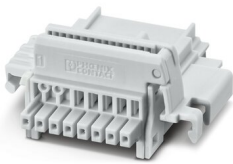
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DIN rail bus connectors

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

https://www.phoenixcontact.com/us/products/2202895

DIN rail connector, color: light grey, nominal current: 6 A, 4 A (parallel contacts) (Serial contacts), rated voltage (III/2): 32 V, number of positions: 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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