ICS50-KIT-BC122X110-V-V-7035+8PSC4 - Housing set

1342860

https://www.phoenixcontact.com/us/products/1342860

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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: 122.5 mm, depth: 116.7 mm, incl. 8 PCB connectors, 4-pos., screw connection, for 2.5 mm^2, nominal current: 16 A, 320 V, PCB surface: 11900 mm^2

Commercial data

Item number	1342860
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC09
Product key	ACHAEK
GTIN	4063151653804
Weight per piece (including packing)	210.05 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 mm^2, 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 mm^2, 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

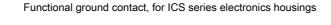2203902

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

PCB headers, nominal cross section: 2.5 mm^2, 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-C122X12-7035 - Upper housing part

1076992

https://www.phoenixcontact.com/us/products/1076992

DIN rail housing, Upper part, closed, width: 50.1 mm, height: 122.5 mm, depth: 14.35 mm, color: light gray (similar RAL 7035)

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ICS50-B122X98-V-V-7035 - Mounting base housing

1077064

https://www.phoenixcontact.com/us/products/1077064

DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 50.1 mm, height: 122.5 mm, depth: 108.35 mm, color: light gray (similar RAL 7035), cross connection: DIN rail 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
Type	for mounting on a DIN rail, with closed latching cover
	incl. 8 PCB connectors, 4-pos., screw connection, for 2.5 mm², nominal current: 16 A, 320 V
Ventilation openings present	yes

Connection data

Connection method	Screw connection with tension sleeve

Dimensions

Dimensional drawing	
Width	50.1 mm
Height	122.5 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)

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Color (Upper housing part)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
Housing material	PA
Surface characteristics	untreated

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	Latching
Total PCB surface	11900 mm²
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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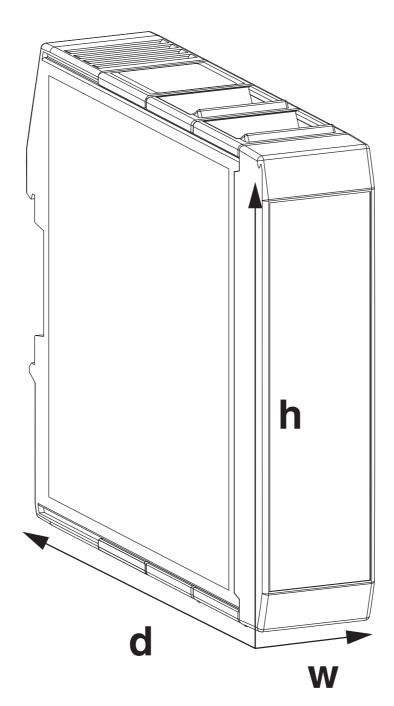
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Drawings

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

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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