

ICS25-BC100X110-V-7035 DEV-KIT - Housing set



1291125

<https://www.phoenixcontact.com/us/products/1291125>

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DIN rail housing, for mounting on a DIN rail, with closed latching cover, color: light gray (similar RAL 7035), width: 25 mm, height: 100 mm, depth: 116.65 mm

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

Commercial data

Item number	1291125
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC22
Product key	ACHAEG
GTIN	4063151526252
Weight per piece (including packing)	113.2 g
Weight per piece (excluding packing)	113.2 g
Customs tariff number	85366990
Country of origin	DE

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Set consists of

ICS25-B100X98-V-7035 - Mounting base housing

2203881

<https://www.phoenixcontact.com/us/products/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, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional), number of positions cross connector: 8

ICS25-C100X12-7035 - Upper housing part

2203882

<https://www.phoenixcontact.com/us/products/2203882>



DIN rail housing, Upper part, closed, Housing cover, width: 25 mm, height: 100 mm, depth: 14.35 mm, color: light gray (similar RAL 7035)

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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)



ICS25-F22J-7035 - Connection plate

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 gray (similar RAL 7035)



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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 mm², 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

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

2203903

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



PCB headers, nominal cross section: 2.5 mm², 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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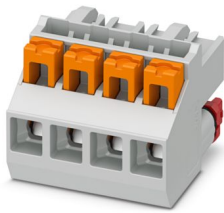
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ICC25-PPC2,5/4-5,0-AA-7035 - PCB connector

1084034

<https://www.phoenixcontact.com/us/products/1084034>



PCB connector, nominal cross section: 2.5 mm², 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...-PPC2,5/...-5,0, pitch: 5 mm, connection method: Push-in spring connection, 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, Color of the spring lever: orange

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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<https://www.phoenixcontact.com/us/products/1291125>

Technical data

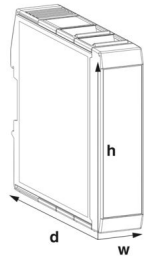
Notes

Assembly note	Please observe the application note in the download area.
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)

Product properties

Product type	Stackable housing set
Housing type	DIN rail housing
Housing type	Modular housings
Housing series	ICS
Product family	ICS25
Number of positions	16
Max. number of positions	16 (pitch: 5 mm)
Number of rows	4
Ventilation openings present	yes
Anzahl der Etagen Housing (Makro)	3 (Both sides)

Dimensions

Dimensional drawing	
Width	25 mm
Height	100 mm
Depth	116.65 mm
Depth from top edge of DIN rail	110.05 mm

Material specifications

Color (Lower housing part)	light gray (RAL 7035)
Color (Upper housing part)	light gray (RAL 7035)
Material	PA
Flammability rating according to UL 94	V0

Environmental and real-life conditions

Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)

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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	2
Type of PCB mount	Slot

Mounting

Mounting type	DIN rail mounting
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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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Classifications

ECLASS

ECLASS-13.0	27190301
ECLASS-15.0	27190301

ETIM

ETIM 10.0	EC001031
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com