ICS25-B100X120-O-7035 - Mounting base housing

1355945

https://www.phoenixcontact.com/us/products/1355945

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DIN rail housing, Lower housing part with metal foot catch, width: 25 mm, height: 100 mm, depth: 130.9 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional), number of positions cross connector: 8

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	1355945
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC09
Product key	ACHAEB
GTIN	4063151682972
Weight per piece (including packing)	52.26 g
Weight per piece (excluding packing)	42.37 g
Customs tariff number	84879090
Country of origin	DE

Technical data

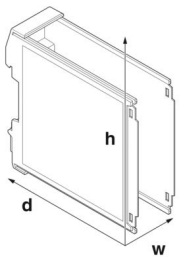
Notes

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	Enclosure bottom part
Housing type	DIN rail housing
Housing series	ICS
Product family	ICS25-..100X..
Max. number of positions	50 (pitch: 3.5 mm)
	40 (pitch: 5 mm)
Number of rows	5
Number (Connection openings)	10
Ventilation openings present	no

Dimensions

Dimensional drawing	
Width	25 mm
Height	100 mm
Depth	130.9 mm
Depth from top edge of DIN rail to support point on upper part	120.7 mm
Dimensions	25 mm x 100 mm x 132.6 mm (Lower housing part from the top edge of the DIN rail with upper housing part)
	25 mm x 100 mm x 139.2 mm (Lower housing part with upper housing part)

PCB design

PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color (Lower housing part)	light gray (RAL 7035)
Material Lower housing part	PA
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Surface characteristics	untreated

Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	17 W

Power dissipation single housing for 30 °C

Ambient temperature	30 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	13.5 W

Power dissipation single housing for 40 °C

Ambient temperature	40 °C
Reduction factor	0.67
Mounting position	vertical
Power dissipation	11.4 W

Power dissipation single housing for 50 °C

Ambient temperature	50 °C
Reduction factor	0.53
Mounting position	vertical
Power dissipation	9 W

Power dissipation single housing for 60 °C

Ambient temperature	60 °C
Reduction factor	0.41
Mounting position	vertical
Power dissipation	7 W

Power dissipation single housing for 70 °C

Ambient temperature	70 °C
Reduction factor	0.31
Mounting position	vertical
Power dissipation	5.3 W

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)	max. 80 %

PCB data

Number of PCB holders	2
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

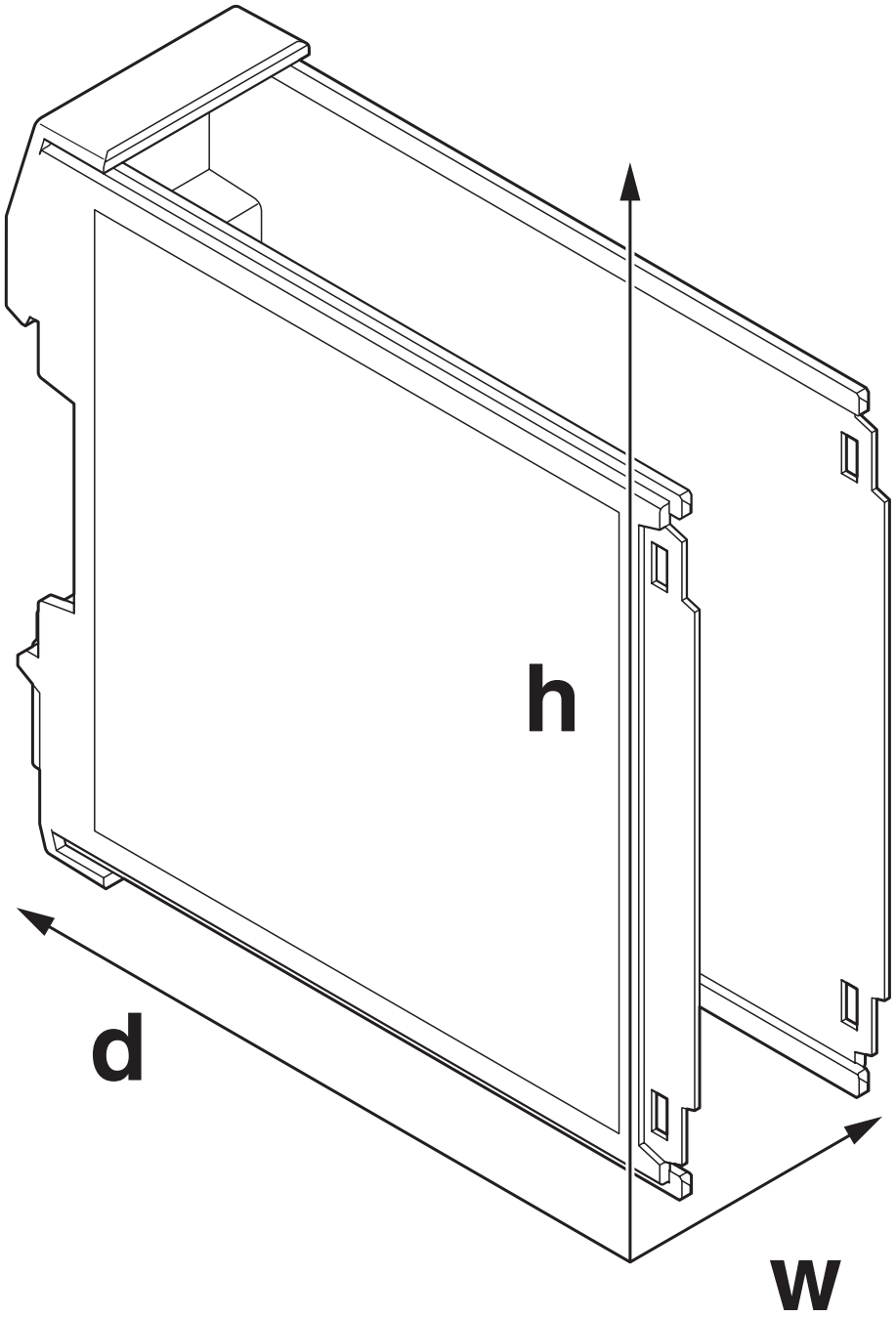
Mounting type	DIN rail mounting

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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.

Classifications

ECLASS

ECLASS-13.0	27190601
ECLASS-15.0	27190601

ETIM

ETIM 9.0	EC002779

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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