Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



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 integrative components
- Optimal space utilization, as well as adaptability of design, colors, and printing
- 8-pos. DIN rail connectors for easy module-to-module communication

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	4 055626 465562
GTIN	4055626465562
Weight per Piece (excluding packing)	50.000 g
Custom tariff number	85389099
Country of origin	Germany

Technical data

Item properties

Brief article description	Mounting base housing
Type	ICS25-B100X98-V-7035
Order No.	2203881
Type	Lower part
Ventilation openings present	yes

Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Technical data

Dimensions

Width [w]	25 mm
Height [h]	100 mm
Depth from top edge of DIN rail [d]	98 mm
Dimensions	25 mm x 100 mm x 110 mm (Lower housing part with upper housing part)

Material data

Color (similar to RAL)	light gray (7035)
Flammability rating according to UL 94	V0
Housing material	PA 6.6

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 100 °C (observe derating)

PCB data

Number of PCB holders	2

Power dissipation, single housing at 20 °C

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

Power dissipation, single housing at 30 °C

Ambient temperature	40 °C
Reduction factor	0.67
Mounting position	vertical

Power dissipation, single housing at 40 °C

Ambient temperature	60 °C
Reduction factor	0.41
Mounting position	vertical

Power dissipation, single housing at 50 °C

Ambient temperature	80 °C
Reduction factor	0.22
Mounting position	vertical

Mechanical strength/tumbling barrel

Height of fall	50 cm
Number of drop cycles	50

Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Technical data

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

Shock

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.)

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

Packaging information

Pieces per package	10
Denomination packing units	Pcs.

Standards and regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Classifications

eCl@ss

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

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 240868

Accessories

Additional products

Upper part of housing - ICS25-C100X12-7035 - 2203882

Component housing, width: 25 mm ,closed, , Upper part



Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Accessories

Upper part of housing - ICS25-TL100X12-7035 - 2203883



Component housing, width: 25 mm ,With transparent hinged cover, , Upper part

---

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, Article with lateral pin exit

---

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, Article with lateral pin exit

---

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



PCB connector, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, contact surface: Tin

---

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



PCB connector, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, connection method: Screw connection, color: light gray, contact surface: Tin

---

Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Accessories

Connection plate - ICS25-F22S-7035 - 2203890



ICS-Filler, closed, color: light gray, width: 25 mm

Connection plate - ICS25-F45S-7035 - 2203891



ICS-Filler, closed, color: light gray, width: 25 mm

Connection plate - ICS25-F22V-7035 - 1079495



Component housing, Filler, with vents, color: light gray, width: 25 mm

Connection plate - ICS25-F45V-7035 - 1079492

Component housing, Filler, with vents, color: light gray, width: 25 mm

Connection plate - ICS25-F22J-7035 - 2203895



ICS-Filler, with RJ45 function cutout, color: light gray, width: 25 mm

Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Accessories

Connection plate - ICS25-F22U-7035 - 1053046



ICS-Filler, with USB function cutout, color: light gray, width: 25 mm

Connection plate - ICS25-F22A-7035 - 2203894



ICS-Filler, with antenna function cutout, color: light gray, width: 25 mm

Connection plate - ICS25-F45D15-7035 - 2203896



ICS-Filler, With D-SUB 15 function cutout, color: light gray, width: 25 mm

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

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



DIN rail connector, nominal current: 6 A, number of positions: 8, pitch: 2.54 mm, color: light gray

Mounting base housing - ICS25-B100X98-V-7035 - 2203881

Accessories

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



DIN rail connector, nominal current: 6 A, number of positions: 8, pitch: 2.54 mm, color: light gray

Phoenix Contact 2019 © - all rights reserved
http://www.phoenixcontact.com