PHŒNIX CONTACT

Upper part of housing - ICS20-C100X12-7035 - 2203879

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DIN rail housing, Upper part, closed, width: 20 mm, height: 100 mm, depth: 12 mm, color: light gray (7035)

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

| RoHS | IP20 |

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	4 055626 465548
GTIN	4055626465548

Technical data

Item properties

Brief article description	Upper part of housing
Type	ICS20-C100X12-7035
Order No.	2203879
Housing type	DIN rail housing
Type	Upper part, closed
Max. IP code to attain	IP20
Mounting type	Snap in

Dimensions

Width [w]	20 mm
Height [h]	100 mm
Depth [d]	12 mm

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Material data

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

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Relative humidity (storage/transport)	80 %

Mechanical strength/tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Number of drop cycles	50

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

General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.

Packaging information

Type of packaging	packed in cardboard
Pieces per package	10
Denomination packing units	Pcs.
Outer packaging type	Carton

Standards and regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e

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Environmental Product Compliance

	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27182702
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
ETIM 7.0	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

Accessories

Component housing lower part

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Accessories

Mounting base housing - ICS20-B100X98-V-7035 - 2203878

DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 20 mm, height: 100 mm, depth: 108.35 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: light gray (7035)

Connection plate

Connection plate - ICS20-F22S-7035 - 2203888

DIN rail housing, ICS filler, closed, width: 20 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

Connection plate - ICS20-F45S-7035 - 2203889

DIN rail housing, ICS filler, closed, width: 20 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)

Connection plate - ICS20-F22V-7035 - 1079494

DIN rail housing, ICS filler, with vents, width: 20 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

Connection plate - ICS20-F45V-7035 - 1079493

DIN rail housing, ICS filler, with vents, width: 20 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)

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Accessories

Connection plate - ICS20-F22U-7035 - 1053051

DIN rail housing, ICS filler, with USB function cutout, width: 20 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

Connection plate - ICS20-F22A-7035 - 2203892

DIN rail housing, ICS filler, with antenna function cutout, width: 20 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

DIN rail connector

DIN rail bus connectors - TBUS8-20,0-PPPPPPPP-7035 - 2202889

DIN rail connector, number of positions: 8, pitch: 2.54 mm, color: light gray, 8 parallel contacts

DIN rail bus connectors - TBUS8-20,0-PPPPPPPS-7035 - 2202894

DIN rail connector, number of positions: 8, pitch: 2.54 mm, color: light gray, 7 parallel contacts/1 series contact

DIN rail bus connectors - TBUS8-20,0-PPPPPPSS-7035 - 2202892

DIN rail connector, number of positions: 8, pitch: 2.54 mm, color: light gray, 6 parallel contacts/2 series contacts

PCB headers

Feed-through header - ICC20-H/3L5,0-7035 - 2203900

PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: light gray, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Product with pin output on left side

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Accessories

Feed-through header - ICC20-H/3R5,0-7035 - 2203901

PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: light gray, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Product with pin output on right side

PCB plug

Printed-circuit board connector - PSPT 2,5/ 3-ST KMGY - 2202345

PCB connector, nominal current: 16 A, rated voltage (III/2): 300 V, nominal cross section: 2.5 mm², number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin, Color of the spring lever: orange

Printed-circuit board connector - MSTBT 2,5 HC/ 3-STP GY7035 - 2200333

PCB connector, number of positions: 3, pitch: 5 mm, color: light gray, contact surface: Tin