

# Connection plate - ICS20-F22S-7035 - 2203888

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DIN rail housing, ICS filler, closed, width: 20 mm, height: 7.25 mm, depth: 22.4 mm, color: light grey (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
- Customized processing for any customer-specific connection technology
- Easy and fast push-in mounting of assembled printed-circuit boards, thanks to stable guide rails



## Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 0 5 5 6 2 6 4 6 5 9 3 7
GTIN	4055626465937

## Technical data

### Item properties

Brief article description	Connection plate
Type	ICS20-F22S-7035
Item no.	2203888
Housing type	DIN rail housing
Housing series	ICS
Range of articles	ICS20
Suitable for housing width	20 mm (ICS20)
Type	ICS filler, closed
Max. IP code to attain	IP20
Mounting type	Slot

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## Technical data

### Item properties

Ventilation openings present	no
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### Dimensions

Caption	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.
Width [ w ]	20 mm
Height [ h ]	7.25 mm
Depth [ d ]	22.4 mm

### Material data

Housing material	Polyamide
Surface characteristics	untreated
Color (RAL)	light grey (7035)
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0

### 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 %

### PCB data

Number of PCB holders	2
PCB thickness	1.4 mm ... 1.8 mm
Type of PCB mount	Slot

### Mechanical strength/tumbling barrel

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

### 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	Half-sine

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## Technical data

### Shock

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 N

### Test for assessing the risk of fire (glow wire)

Specification	DIN EN 60695-2-11 (VDE 0471-2-11):2014-11
Temperature	850 °C
Time of exposure	30 s

### Testing for paint wetting impairment substances (LABS-conformity)

Specification	VDMA 24364:2018-05
Testing	Labeling of LABS-conformity

### General information

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

### Packaging information

Pieces per package	10
Denomination packing units	Pcs.
Outer packaging type	Resealable bag

### Standards and regulations

Flammability rating according to UL 94	V0
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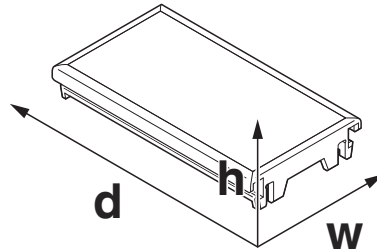
### Environmental Product Compliance

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

## Drawings

# Connection plate - ICS20-F22S-7035 - 2203888

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

eCl@ss

eCl@ss 10.0.1	27182702
eCl@ss 11.0	27182702
eCl@ss 5.1	27180506
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 6.0	EC001031
ETIM 7.0	EC001031

UNSPSC

UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261500

## Approvals

Approvals

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Approvals

UL Recognized

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Ex Approvals

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Approval details

## Connection plate - ICS20-F22S-7035 - 2203888

### Approvals

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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