

ICS20-F67S-7035 - Connection plate



1287461

<https://www.phoenixcontact.com/us/products/1287461>

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 documentation. Our general terms of use for downloads are valid.

DIN rail housing, ICS filler, closed, width: 20 mm, height: 7.25 mm, depth: 67.3 mm, color: light gray (similar RAL 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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1287461 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | AC09 |
| Product key | ACHAEE |
| GTIN | 4063151514105 |
| Weight per piece (including packing) | 4.17 g |
| Weight per piece (excluding packing) | 3.68 g |
| Customs tariff number | 84879090 |
| Country of origin | PL |

ICS20-F67S-7035 - Connection plate

1287461

<https://www.phoenixcontact.com/us/products/1287461>

Technical data

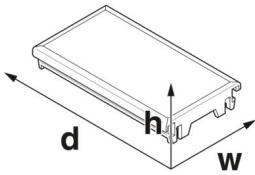
Notes

| | |
|---------------|---|
| Assembly note | Please observe the application note in the download area. |
|---------------|---|

Product properties

| | |
|------------------------------|------------------|
| Product type | Connection plate |
| Housing type | DIN rail housing |
| Housing type | Modular housings |
| Housing series | ICS |
| Product family | ICS20 |
| Ventilation openings present | no |

Dimensions

| | |
|---------------------|---|
| Dimensional drawing |  |
| Width | 20 mm |
| Height | 7.25 mm |
| Depth | 67.3 mm |

PCB design

| | |
|---------------|-------------------|
| PCB thickness | 1.4 mm ... 1.8 mm |
|---------------|-------------------|

Material specifications

| | |
|--|-----------------------|
| Color (Connection plate) | light gray (RAL 7035) |
| Material Connection plate | PA |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | 600 |

Environmental and real-life conditions

Vibration test

| | |
|------------------------|-----------------------------|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 150 - 10 Hz |
| Sweep speed | 1 octave/min |
| Amplitude | 0.15 mm (10 Hz ... 58.1 Hz) |
| Acceleration | 2g (58.1 Hz ... 150 Hz) |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

Glow-wire test

ICS20-F67S-7035 - Connection plate



1287461

<https://www.phoenixcontact.com/us/products/1287461>

| | |
|------------------|------------------------|
| Specification | IEC 60695-2-11:2014-02 |
| Temperature | 850 °C |
| Time of exposure | 30 s |

Thermal stability / ball thrust test

| | |
|---------------|------------------------|
| Specification | IEC 60695-10-2:2014-02 |
| Temperature | 125 °C |
| Test duration | 1 h |
| Force | 20 N |

Mechanical strength / tumbling barrel

| | |
|----------------|------------------------|
| Specification | IEC 60068-2-31:2008-05 |
| Height of fall | 50 cm |
| Frequency | 50 |

Shocks

| | |
|--------------------------------|-----------------------------------|
| Specification | IEC 60068-2-27:2008-02 |
| Pulse shape | Half-sine |
| Acceleration | 15g |
| Shock duration | 11 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

Test for substances that would hinder coating with paint or varnish

| | |
|---------------|--------------------|
| Specification | VDMA 24364:2018-05 |
| Result | Test passed |

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) | 80 % |

PCB data

| | |
|-----------------------|-------------------|
| Number of PCB holders | 2 |
| Type of PCB mount | Slot |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

Mounting

| | |
|---------------|------|
| Mounting type | Slot |
|---------------|------|

Packaging specifications

| | |
|----------------------|----------------|
| Outer packaging type | Resealable bag |
|----------------------|----------------|

ICS20-F67S-7035 - Connection plate



1287461

<https://www.phoenixcontact.com/us/products/1287461>

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.

ICS20-F67S-7035 - Connection plate



1287461

<https://www.phoenixcontact.com/us/products/1287461>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1287461>



UL Recognized

Approval ID: E240868

ICS20-F67S-7035 - Connection plate



1287461

<https://www.phoenixcontact.com/us/products/1287461>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27190605 |
| ECLASS-15.0 | 27190605 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002779 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

ICS20-F67S-7035 - Connection plate



1287461

<https://www.phoenixcontact.com/us/products/1287461>

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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.039 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com