

IEC Appliance Inlet C8, screw-on mounting front or rear, solder or quick-connect or PCB terminal



C8

70° C



Description

- Panel Mount:
Screw-on mounting, front or rear-side
- 1 Function
- Appliance Inlet, Pin temperature 70 °C, Protection class II
- Solder, Quick Connect or PCB Terminal

Approvals

- VDE Certificate Number: 40002274
- UL File Number: E96454
- CSA File Number: 27324

Characteristics

- Contact pins are turned from solid material

Other versions on request

- Variants in white color

References

- Alternative: version for snap-in mounting [2578](#)
- Alternative: Inlet with retainer and country specific cord set [2576 retaining kit](#)
- Alternative: version with line filter [5008](#)

Weblinks

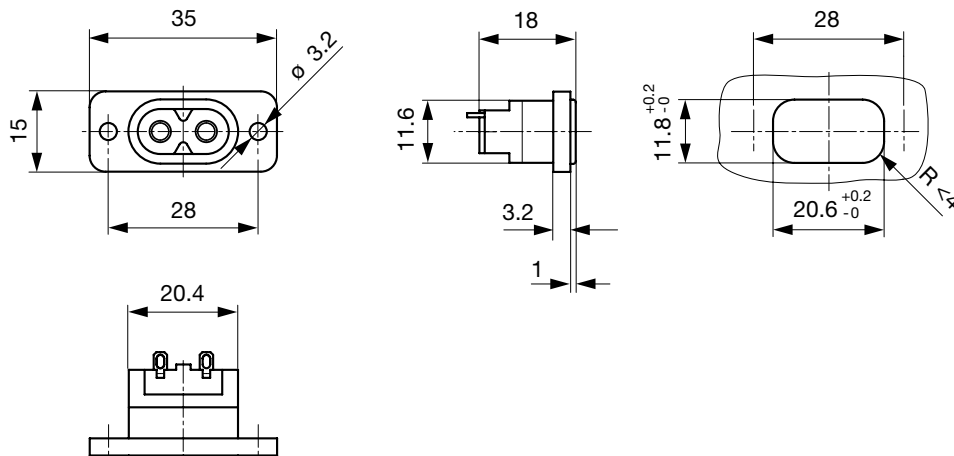
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | |
|---------------------------|--|
| Ratings IEC | 2.5 A / 250 VAC; 50 Hz |
| Ratings UL/CSA | 2.5 A / 250 VAC; 60 Hz |
| Dielectric Strength | > 4 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz) |
| Allowable Operation Temp. | -25 °C to 70 °C |
| Degree of Protection | from front side IP 20 acc. to IEC 60529 |
| Protection Class | Suitable for appliances with protection class II acc. to IEC 61140 |
| Panel Thickness s | Screw Mounting screw torque max 0.5 Nm |
| Material: Housing | PA6, black or grey, UL 94V-0 |

| | |
|-----------------|--|
| Appliance Inlet | C8 acc. to IEC 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class II |
|-----------------|--|

Dimensions



Length of the terminal please find at the order code configuration table

Config. Code









2576 - H - A B C 0 - D - E G F

The characters are placeholders for the correspondingly keys of selections from the key tables.

2576 - H - A B C 0 - D - E G F = Type

| Type | Configuration key |
|---------------------|-------------------|
| protection class II | X |

2576 - H - A B C 0 - D - E G F = Terminals

| Terminal L | | Configuration key |
|---|---|-------------------|
| short solder terminal (L = 4.8 mm) |  | 2 |
| long solder terminal (L = 8.5 mm) |  | 3 |
| PCB-terminal short (additional solder terminal) |  | 5 |
| PCB-terminal long (additional solder terminal) |  | 6 |
| Blade terminal (2.8 x 0.8 mm) |  | 7 |
| PCB-terminal (standard) |  | A |
| PCB-terminal (short) |  | B |
| PCB-terminal (long) |  | C |

2576 - H - A B C 0 - D - E G F = Terminals

| Terminal N | Configuration key |
|---|-------------------|
| short solder terminal (L = 4.8 mm) | 2 |
| long solder terminal (L = 8.5 mm) | 3 |
| PCB-terminal short (additional solder terminal) | 5 |
| PCB-terminal long (additional solder terminal) | 6 |

Symbols similar as in table A

| Terminal N | Configuration key |
|-------------------------------|-------------------|
| Blade terminal (2.8 x 0.8 mm) | 7 |
| PCB-terminal (standard) | A |
| PCB-terminal (short) | B |
| PCB-terminal (long) | C |

Symbols similar as in table A

2576 - H - A B C 0 - D - E G F = Terminals

| Terminal Ground | Configuration key |
|------------------|-------------------|
| without terminal | 0 |

Symbols similar as in table A

2576 - H - A B C 0 - D - E G F = Color

| Color | Configuration key |
|-------|-------------------|
| Black | A |
| Grey | B |

2576 - H - A B C 0 - D - E G F = Style

| Style | Configuration key |
|---------------------------|-------------------|
| flange with through holes | 2 |

2576 - H - A B C 0 - D - E G F = Mass S

| Mass "s" | Configuration key |
|----------|-------------------|
| 00 | |

The dimension "S" is displayed in ($1/_{10}$ mm). This information is also valid for the order code

2576 - H - A B C 0 - D - E G F = Orientation of Terminals

| Orientation of Terminals | Configuration key |
|--------------------------|-------------------|
| horizontal | A |
| vertical | B |

All Variants

| Config. Code | Description | Order Number |
|--------------------|--|--------------|
| 2576-X-2200-A-200A | 2576, IEC Appliance Inlet C8, 70°C, , version: II, L: short solder terminal (L = 4.8 mm), N: short solder terminal (L = 4.8 mm), ground: without terminal, color: Black, design: flange with through holes, dimension S: | 6160.0021 |
| 2576-X-7700-A-200A | 2576, IEC Appliance Inlet C8, 70°C, , version: II, L: Blade terminal (2.8 x 0.8 mm), N: Blade terminal (2.8 x 0.8 mm), ground: without terminal, color: Black, design: flange with through holes, dimension S: | 6160.0022 |
| 2576-X-3300-A-200B | 2576, IEC Appliance Inlet C8, 70°C, , version: II, L: long solder terminal (L = 8.5 mm), N: long solder terminal (L = 8.5 mm), ground: without terminal, color: Black, design: flange with through holes, dimension S: | 6160.0028 |
| 2576-X-6600-A-200A | 2576, IEC Appliance Inlet C8, 70°C, , version: II, L: PCB-terminal long (additional solder terminal), N: PCB-terminal long (additional solder terminal), ground: without terminal, color: Black, design: flange with through holes, dimension S: | 6160.0058 |

The listed variants should be available from stock Other versions on request www.schurter.com/contact

Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Packaging unit 100 Pcs

Accessories

Description



Retainer
Retainer for power supply cord

Mating Outlets/Connectors

Category / Description

Power Cord Overview complete



Cord Sets 2.5 A, IEC Connector, Black, 2.0 m, H03VWH2-F 2x0,75mm², Connector IEC C7, 001500 mm, cord end: 6013.0474

Cord Sets 2.5 A, IEC Connector, Black, 4.0 m, H03VWH2-F 2x0,75mm², Connector IEC C7, 001500 mm, cord end: 6013.0478

Power Cord further types to 2576

Power Supply Cord Overview complete



Cord Sets 2.5 A, North America, Black, 2.0 m, SVT 2x18AWG, Connector IEC C7, 002500 mm, cord end: 6010.5274

Cord Sets 2.5 A, North America, Black, 4.0 m, SVT 2x18AWG, Connector IEC C7, 002500 mm, cord end: 6010.5278

Power Supply Cord further types to 2576