

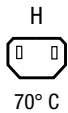
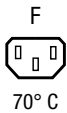
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal



Flange with countersunk holes



Flange with through holes special type

**Description**

- Panel Mount:  
Screw-on mounting, from front side
- Connector, Pin temperature 70 °C, protection class I or II,
- Solder, Quick Connect or PCB Terminal

**Approvals**

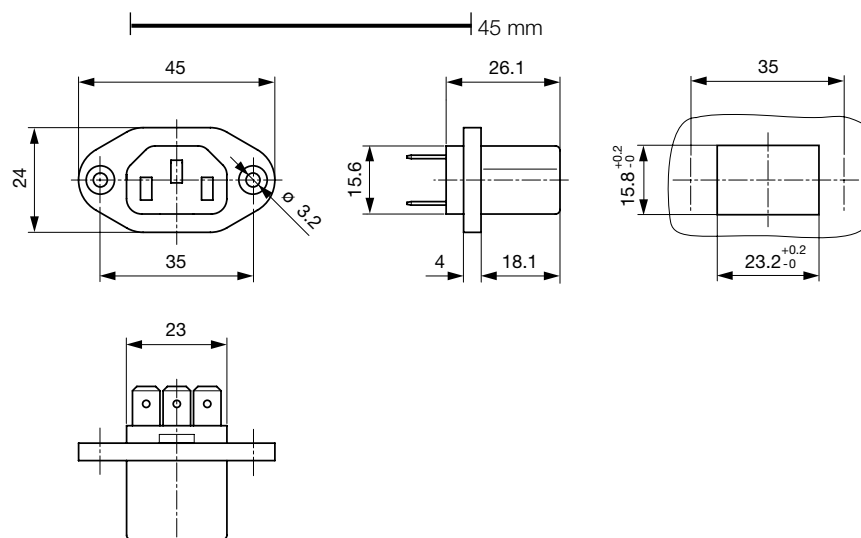
- VDE Certificate Number: 40010295
- UL File Number: E57445
- CSA File Number: 27324

**References****Weblinks**

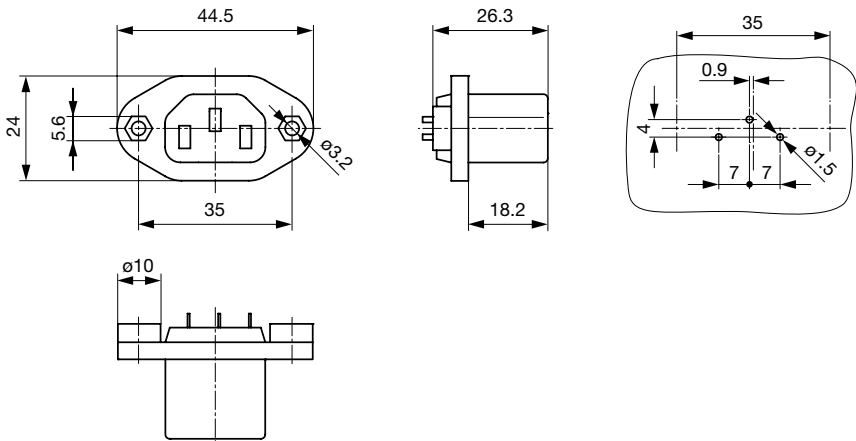
[pdf](#), [html](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#)

**Technical Data**

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Ratings IEC               | 10 A / 250 VAC; 50 Hz                                                  |
| Ratings UL/CSA            | 15 A / 250 VAC; 60 Hz                                                  |
| Dielectric Strength       | > 4 kVAC between L-N<br>> 2 kVAC between L/N-PE<br>(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 1 or 2 acc. to IEC 61140 |
| Terminal                  | Solder, Quick Connect or PCB Terminal straight                         |
| Material: Housing         | PA6, black / grey / white, UL 94V-0                                    |

**Dimensions**

Flange with countersunk holes



Flange with through holes special type

Config. Code

5091 - H - A B C 0- D - E

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

5091 - H - A B C 0- D - E = Type

| Type               | Configuration key |
|--------------------|-------------------|
| protection class 2 | B                 |
| protection class 1 | X                 |

5091 - H - A B C 0- D - E = Terminals

| Terminal L                    | Configuration key |
|-------------------------------|-------------------|
| solder terminal               | 1                 |
| PCB-terminal (standard)       | 4                 |
| Blade terminal (6.3 x 0.8 mm) | 9                 |



5091 - H - A B C 0- D - E = Terminals

| Terminal N                    | Configuration key |
|-------------------------------|-------------------|
| solder terminal               | 1                 |
| PCB-terminal (standard)       | 4                 |
| Blade terminal (6.3 x 0.8 mm) | 9                 |

Symbols similar as in table A

5091 - H - A B C 0- D - E = Terminals

| Terminal Ground               | Configuration key |
|-------------------------------|-------------------|
| without terminal              | 0                 |
| solder terminal               | 1                 |
| PCB-terminal (standard)       | 4                 |
| Blade terminal (6.3 x 0.8 mm) | 9                 |

Symbols similar as in table A

5091 - H - A B C 0- D - E = Color

| Color                | Configuration key |
|----------------------|-------------------|
| jet black; RAL9005   | A                 |
| silver grey; RAL7001 | B                 |
| pure white; RAL9010  | D                 |

5091 - H - A B C 0- D - E = Style

| Style                                    | Configuration key |
|------------------------------------------|-------------------|
| flange with countersunk holes            | 1                 |
| flange with through holes                | 2                 |
| flange with through holes (special type) | 7                 |

## Variants

| Config. Code    | Description                                                                                                                                                                                                                                | Order Number |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 5091-X-1110-A-1 | 5091, IEC Appliance Outlet , 70°C, version: 1, L: solder terminal, N: solder terminal, ground: solder terminal, color: jet black; RAL9005, design: flange with countersunk holes, dimension X:                                             | 6182.0001    |
| 5091-X-1110-B-1 | 5091, IEC Appliance Outlet , 70°C, version: 1, L: solder terminal, N: solder terminal, ground: solder terminal, color: silver grey; RAL7001, design: flange with countersunk holes, dimension X:                                           | 6182.0002    |
| 5091-X-9990-A-1 | 5091, IEC Appliance Outlet , 70°C, version: 1, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: jet black; RAL9005, design: flange with countersunk holes, dimension X:   | 6182.0006    |
| 5091-X-9990-A-2 | 5091, IEC Appliance Outlet , 70°C, version: 1, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: jet black; RAL9005, design: flange with through holes, dimension X:       | 6182.0007    |
| 5091-X-9990-B-1 | 5091, IEC Appliance Outlet , 70°C, version: 1, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: silver grey; RAL7001, design: flange with countersunk holes, dimension X: | 6182.0008    |

The listed variants should be available from stock. Other versions on request [www.schurter.com/contact](http://www.schurter.com/contact)

## Packaging unit

100 Pcs

## Mating Inlets/Plugs

## Category / Description

[Appliance Inlet Overview complete](#)

|                                                                                                              |      |
|--------------------------------------------------------------------------------------------------------------|------|
| IEC Appliance Inlet C14, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal                      | 0711 |
| IEC Appliance Inlet C14, Screw-on Mounting, Rear Side, PCB Terminal                                          | 1001 |
| IEC Appliance Inlet C14, Snap-in Mounting, Solder, Quick-connect, Screw or PCB Terminal                      | 6010 |
| IEC Appliance Inlet C14, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect or Screw-on Terminal | 6048 |
| IEC Appliance Inlet C14, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect or Screw-on Terminal | 6049 |

[Appliance Inlet further types to 5091](#)

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[Distribution Unit Overview complete](#)

|                                                                                                                |      |
|----------------------------------------------------------------------------------------------------------------|------|
| Distribution Unit for Snap-in Mounting with 1 IEC Appliance Inlet C14 and 1 Appliance Outlet F                 | 0712 |
| Distribution Unit with 1 IEC Appliance Inlet C14 or Power Cord, 4 IEC Appliance Outlets F and Extra Components | 4740 |
| Distribution Unit with 1 IEC Appliance Inlet C14 and 2 Appliance Outlets F, Shuttered                          | 4741 |
| Distribution Unit with 1 IEC Appliance Inlet C14 and 4 Appliance Outlets F                                     | 4747 |

[Distribution Unit further types to 5091](#)

[Power Entry Module Overview complete](#)

|                                                             |        |
|-------------------------------------------------------------|--------|
| IEC Appliance Inlet C14 or C18 with Fuseholder 1- or 2-pole | 1062   |
| IEC Appliance Inlet C14 or C18 with Fuseholder 1- or 2-pole | 1064   |
| IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole        | 1092   |
| IEC Appliance Inlet C14 with Fuseholder 2-pole              | 4707   |
| IEC Appliance Inlet C14 with Line Switch 1- or 2-pole       | 6010-K |

[Power Entry Module further types to 5091](#)

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[Power Entry Module with line filter Overview complete](#)

|                                                              |        |
|--------------------------------------------------------------|--------|
| IEC Appliance Inlet C14 with Filter                          | 5110   |
| IEC Appliance Inlet C14 with Filter, Circuit Breaker TA45    | 5145   |
| IEC Appliance Inlet C14 with Filter, Fuseholder 1-pole       | 5200   |
| IEC Appliance Inlet C14 with Filter, Fuseholder 1- or 2-pole | 5220   |
| IEC Appliance Inlet C14 with Filter, Fuseholder 2-pole       | 8843-8 |

[Power Entry Module with line filter further types to 5091](#)

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