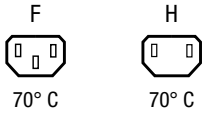IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal

Flange with countersunk holes

Flange with through holes special type

F   H

70° C   70° C

See below:
Approvals and Compliances

Description
- Panel Mount :
  Screw-on mounting , from front side
- 1 Function :

- Connector , Pin temperature 70 °C , protection class I or II ,
- Solder, Quick Connect or PCB Terminal

Weblinks
pdf datasheet, html-datasheet, General Product Information, Distributor-Stock-Check, Accessories, Detailed request for product

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 > 2 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP 20 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I or II acc. to IEC 61140
Terminal	Solder, Quick Connect or PCB Terminal straight
Material: Housing	PA6, black or grey, UL 94V-0

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in   Details about Approvals

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.
Approval Reference Type: 5091

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40010295
	UL Approvals	UL	UL File Number: E57445
	CSA Approvals	CSA	CSA Certification Record: 27324

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
UL	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS COMPLIANT	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
China RoHS	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimensions [mm]
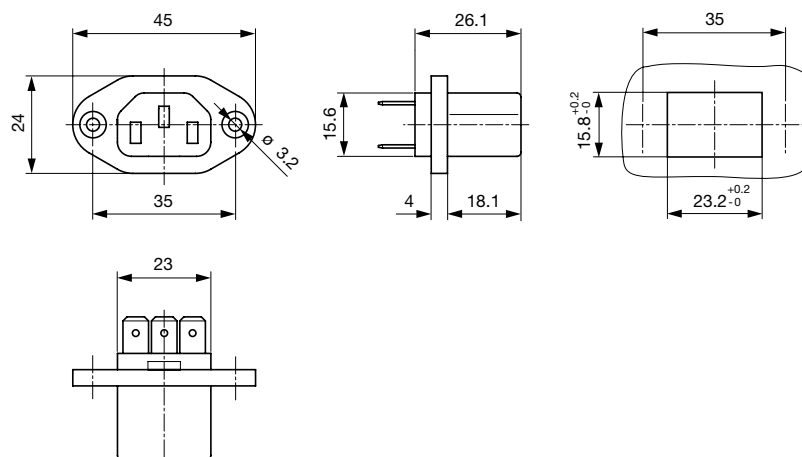
Flange with countersunk holes
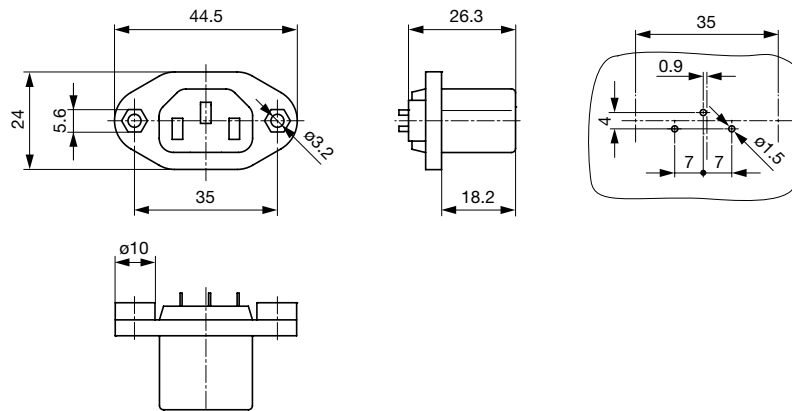
Flange with through holes special type

Config. Code

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

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

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

Type	Configuration key
protection class II	B
protection class I	X

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

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

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

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

Symbols similar as in table A

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

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

Symbols similar as in table A

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

Color	Configuration key
Black	A
Grey	B

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

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

5091 - H - A B C 0- D - E **O** = Features

Features	Configuration key
not used	0
dead cover	1
holder for 1 fuse (text legible, when inlet on top)	2
holder for 1 fuse (text legible, when inlet on bottom)	3
holder for 1 or 2 fuses (text legible, when inlet on top)	4

Features	Configuration key
holder for 1 or 2 fuses (text legible, when inlet on bottom)	5
voltage selector with 1 fuse	6
voltage selector with 2 fuses	7
thermal circuit breaker for rated current 4A	A
thermal circuit breaker for rated current 6A	B

Features	Configuration key
thermal circuit breaker for rated current 8A	C
thermal circuit breaker for rated current 10A	D
thermal circuit breaker for rated current 15A	E
thermal circuit breaker for rated current 20A	F

All Variants

Type	Terminals L / N	Terminal Ground	Color	Style	Features	Config. Code	Order Number
protection class I	solder terminal	solder terminal	Grey	flange with countersunk holes	-	5091-X-1110-B-1	6182.0002
protection class I	PCB-terminal standard (additional solder terminal)	PCB-terminal standard (additional solder terminal)	Black	flange with through holes (special type)	-	5091-X-4440-A-7	6182.0004
protection class I	PCB-terminal standard (additional solder terminal)	PCB-terminal standard (additional solder terminal)	Grey	flange with through holes (special type)	-	5091-X-4440-B-7	6182.0005
protection class I	Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	Black	flange with countersunk holes	-	5091-X-9990-A-1	6182.0006
protection class I	Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	Grey	flange with countersunk holes	-	5091-X-9990-B-1	6182.0008

The listet 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:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit   100 Pcs

Mating Inlets/Plugs

Category / Description

Appliance Inlet Overview complete

6100-3, Mounting: Screw, Solder terminals or quick connect terminals, Appliance Inlet: IEC C14	6100-3
6100-4, Mounting: Snap-in, Solder terminals or quick connect terminals, Appliance Inlet: IEC C14	6100-4
G-Stecker, Mounting: Appliance Inlet : IEC C14 Without fuse holder	6150
6010, Mounting: Snap-in, Solder, quick-connect, screw, PCB, Appliance Inlet: IEC C14	6010
0711, Mounting: Snap-in, 0.8 mm, Solder, Appliance Inlet: IEC C14	0711
Appliance Inlet further types to 5091	...

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 and 2 Appliance Outlets F, Shuttered	4741
Distribution Unit with 1 IEC Appliance Inlet C14 and 4 Appliance Outlets F	4747
Distribution Unit with 1 IEC Appliance Inlet C14 or Power Cord, 4, 5 or 6 IEC Appliance Outlets F and Extra Components	4740
EMC Power Strip with Line Filter	FLBB
Distribution Unit further types to 5091	

IEC Inlet Filter Overview complete

GRF2, Mounting: Rear Side, With EMC-shield and without line filter, 10 A, Plug Connector, Appliance Inlet: IEC C14, Suitable for appliances with protection class I	GRF2
5110, Mounting: Screw, Front Side, Filter: Standard and Medical Version, Without fuse holder: 10 A, Thermoplastic Appliance Inlet: IEC C14, prewired, Suitable for appliances with protection class I	5110
KFS, Mounting: Screw, Front Side, Filter: Standard Version, Without fuse holder: 10 A, Appliance Inlet: IEC C14, pre-wired	KFS
IEC Inlet Filter further types to 5091	

Category / Description

Power Entry Module Overview complete

DD11, Mounting: Screw-on mounting, Rocker switch: non-illuminated or illuminated 2-pole, Quick connect terminals 4.8 x 0.8 mm, Appliance Inlet: IEC C14, With or without protection cover, Fuse holder: 1 or 2 pole, Suitable for appliances with protection class I	DD11
DD21, Mounting: Screw-on mounting Rear Side, Rocker switch: non-illuminated or illuminated 2-pole, additional quick connect 4.8 x 0.8 mm Appliance Inlet: IEC C14, Fuse holder: 1 or 2 pole	DD21
DC11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 1 or 2 pole, Quick connect terminals 4.8 x 0.8 mm, Appliance Inlet: IEC C14, Without fuse holder: Suitable for appliances with protection class I or II	DC11
KEB1, Mounting:Screw, Quick connect terminals 4.8 x 0.8 mm, Without fuse holder: Rocker switch, non-illuminated or illuminated, red, 1-pole, Appliance Inlet: IEC C14, 250 VAC, prewired, Suitable for appliances with protection class I	KEB1
KEB2, Mounting:Screw, Quick connect terminals 4.8 x 0.8 mm, Without fuse holder: Rocker switch, non-illuminated or illuminated, 2-pole, Appliance Inlet: IEC C14, 250 VAC, prewired, Suitable for appliances with protection class I	KEB2

Power Entry Module further types to 5091 ...

Power Entry Module with line filter Overview complete

DD14, Mounting: Screw-on mounting, Front Side, Filter, Standard and Medical Version, Fuse holder:1 or 2 pole, 10 A, Rocker switch: 2-pole, non-illuminated Appliance Inlet: IEC C14, prewired	DD14
KFB1, Mounting: Screw, Front Side, Filter: Standard Version, Without fuse holder: 10 A, Rocker switch: 1-pole, Appliance Inlet: IEC C14, prewired	KFB1
KFB2, Mounting: Screw, Front Side, Filter: Standard and Medical Version, Without fuse holder: 10 A, Rocker switch: 2-pole, Appliance Inlet: IEC C14, prewired	KFB2
DC12, Mounting: Screw, Front-/Rear-Side, Filter, Standard and Medical Version, Without fuse holder:10 A, Rocker switch: 1 or 2 pole, non-illuminated or illuminated Appliance Inlet: IEC C14, prewired	DC12
DC22 Mounting: Screw, Rear Side, PCB, 10 A, Filter: Standard and Medical Version, Without fuse holder: Rocker switch: 1 or 2 pole, non-illuminated or illuminated, Appliance Inlet: IEC C14, Suitable for appliances with protection class I	DC22

Power Entry Module with line filter further types to 5091 ...

27.02.2018