Connectors (Inlets/Outlets) https://www.schurter.com /PG07

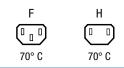
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal



Flange with countersunk holes



Flange with through holes special type



Description

- Panel mount :

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

Technical Data

Ratings IEC	10A / 250VAC; 50Hz
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 Tempe-	-25 °C to 70 °C
rature	
IP-Protection	front side IP20 acc. to IEC 60529
Protection against electric	Suitable for appliances with protection
shock	class I or II acc. to IEC 61140
Terminal	Solder / Quick Connect / PCB Terminal
	in line with PIN-axis
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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

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
10	VDE Approvals	VDE	Certificate Number: 40034887
c FN us	UL Approvals	UL	UR File Number: E103791

See below: Approvals and Compliances

Weblinks

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

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
(h)	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles

Application standards

Application standards where the product can be used

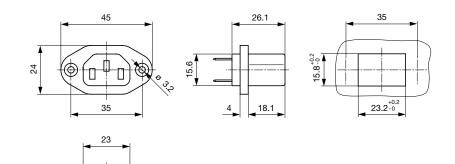
Organization	Design	Standard	Description
IEC	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

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.
UK CA	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
Rohs	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
Ø	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.

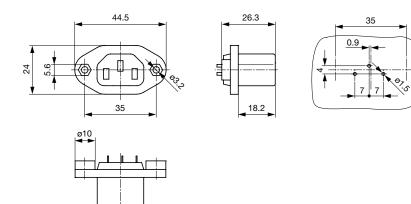
Dimensions [mm]



0 0

Г

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**

Туре	Configuration key
protection class II	В
protection class I	Х

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)	0	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
Black	А
Grey	В

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

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GRF2

5110

KFS

Variants

Туре	Terminals L / N	Terminal Ground	Color	Style	Features	Config. Code	Order Number
Protection class I	solder terminal	solder terminal	black	Flange with countersunk holes	-	5091-X-1110-A-1	6182.0001
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)	PCB-terminal (standard)	black	Flange with through holes special type	-	5091-X-4440-A-7	6182.0004
Protection class I	PCB-terminal (standard)	PCB-terminal (standard)	grey	Flange with through holes special type	-	5091-X-4440-B-7	6182.0005
Protection class I	Quick connect terminal (6.3 x 0.8 mm)	Quick connect terminal (6.3 x 0.8 mm)	black	Flange with countersunk holes	-	5091-X-9990-A-1	6182.0006
Protection class I	Quick connect terminal (6.3 x 0.8 mm)	Quick connect terminal (6.3 x 0.8 mm)	grey	Flange with countersunk holes	-	5091-X-9990-B-1	6182.0008

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

Availability for all products can be searched real-time: https://www.schurter.com/en/info-center/support-tools/stock-check-distributors

Packaging unit	100 Pcs
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Mating Inlets/Plugs

Category / Description

» Overview complete

IEC Appliance Inlet C14 with Line Switch 1-pole	KEB1
IEC Appliance Inlet C14, with Line Switch 2-pole, Voltage Selector and Fuseholder 1 or 2-pole	6766
IEC Appliance Inlet C14 with Line Switch 1- or 2-pole	6010-K
IEC Appliance Inlet C14 with Fuseholder 2-pole, Line Switch 2-pole and Voltage Selector	GRM1
IEC Appliance Inlet C14 with Appliance Outlet F, Line Switch 2-pole and Voltage Selector	PMM

Appliance Inlet Overview complete

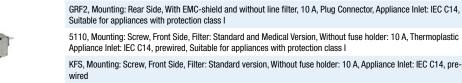
6061, Mounting: Screw, Appliance Inlet: IEC C14	6080
6100-3, Mounting: Screw, Solder / Quick Connect, Appliance Inlet: IEC C14	6100-3
6100-4, Mounting: Snap-in, Solder / Quick Connect, Appliance Inlet: IEC C14	6100-4
6130, Mounting: Snap-in, Appliance Inlet, IEC C14, For PCB mounting, IP30, Meets the glow wire test acc. IEC 60335-1 edition 4, 7/7.3, Suitable for appliances with protection class I	6130
G-Stecker, Mounting: Appliance Inlet : IEC C14 Without fuse holder	6150



Distribution Unit Overview complete

0712-PQ, Mounting: Snap-in, Front Side, Solder terminal (4.8 x 0.8 mm), 1x Appliance Outlet: IEC F	0712	
4741, Mounting: 2x Appliance Outlet: IEC F	4741	
4747, Mounting: 4x Appliance Outlet: IEC F	4747	
4740, Mounting: 6x Appliance Outlet: IEC F	4740	

IEC Inlet Filter Overview complete



Category / Description

Power Entry Module Overview complete



	DF11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 2-pole, Quick connect terminals 6.3 x 0.8 mm, Appliance Inlet: IEC C14, Without fuse holder: Suitable for appliances with protection class I or II 0 DF11, Mounting:Screw, Quick connect terminals 6.3 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 or II 0 DF11, Power Entry ModuleC14, 55°C, version: L: N: ground: fuseholder: color: design: dimension S: features: 0 DF11, Mounting: Snap-in/screw-on, Appliance Inlet: IEC C14, Without fuse holder: ± black, Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on8 mm, Quick connect terminals 6.3 x 0.8 mm, IP40: black, Appliance Inlet: IEC C14, Circuit Breakers TA45, A, non-illuminated, Protection Class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: ± IEC Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: ± IEC Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: ± IEC Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: ± IEC Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: ± IEC Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: ± IEC Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: ± IEC Suitable for appliances with protection class I or II 0	DF11
	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, Fuseholder: 1-/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, Fuseholder: 1-/2-pole	DD21
	DC11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 1-/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
	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 with line filter Overview complete	
	DG12, Mounting : Screw, 8 mm, 15 A, prewired, Standard and Medical Version, Appliance Inlet: IEC C14 C18, Circuit Breakers TA35: DG12, Suitable for appliances with protection class I or II	DG12
	DD14, Mounting: Screw-on mounting, Front Side, Filter, Standard and Medical Version, Fuseholder:1-/2-pole, 10 A, Rocker switch: 2-pole, non-illuminated Appliance Inlet: IEC C14, prewired	DD14
	DD12, Mounting: Screw-on mounting, Front Side, Filter, Standard and Medical Version, Fuseholder:1-/2-pole, 10 A, Rocker switch: 2-pole, non-illuminated Appliance Inlet: IEC C14, prewired	DD12
	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-/2-pole, non-illuminated or illuminated Appliance Inlet: IEC C14, prewired	DC12



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