

IEC Appliance Inlet C14, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect Terminal



6100 with sealing to appliance



6100-3



6100-3 with sealing kit IP 54



### Description

- Panel Mount:  
Screw-on mounting from front or rear-side
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- Variants with factory mounted inlet gasket and sealing kit for IP54 into the equipment and the pluggable power supply
- Solder terminals or quick connect terminals

### Approvals

- VDE Certificate Number: 40015595
- UL File Number: E96454

### Other versions on request

- Types for rivet mounting available upon request
- Types for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 for the use in unattended household equipment acc. IEC 60335-1

### References

- Alternative: protection class II version [6102-3](#)
- Alternative: version with line filter [5110](#); [5120](#)

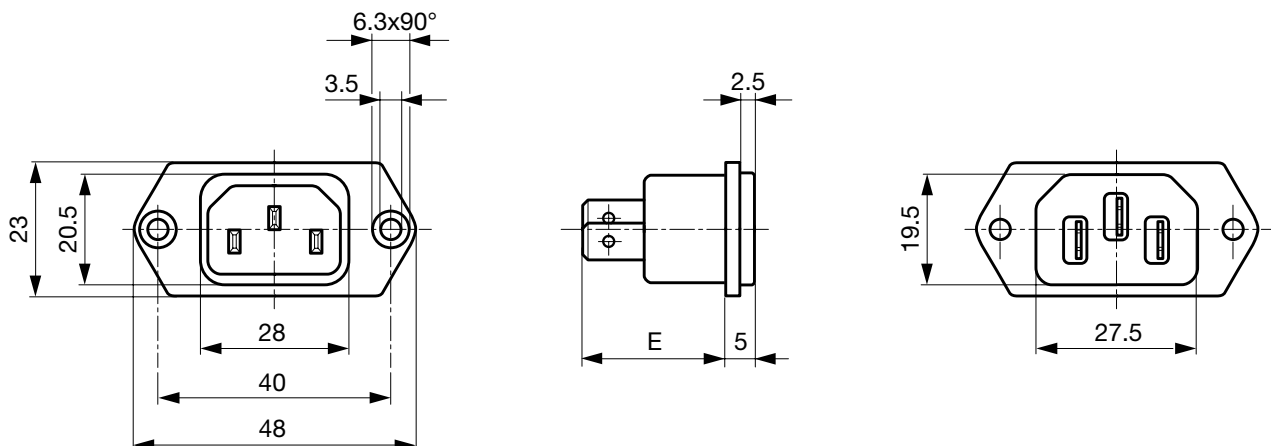
### Weblinks

[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](#), [Wire Harnessing](#), [Detailed request for product](#)

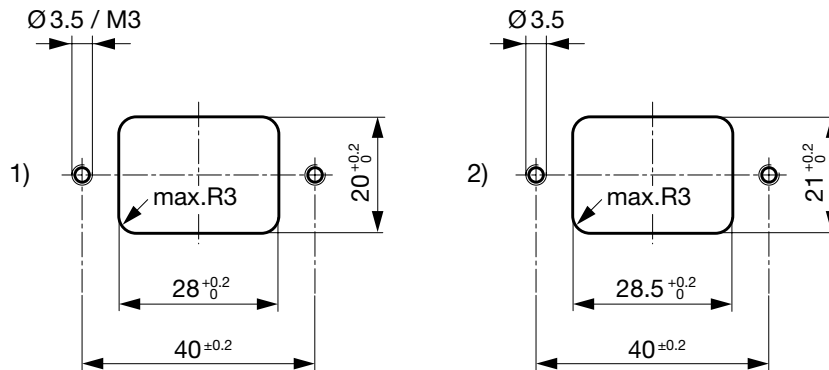
### Technical Data

Ratings IEC	10A / 250VAC; 50Hz	Appliance Inlet	C14 acc. to IEC 60320-1,
Ratings UL/CSA	15A / 250VAC; 60Hz		UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Dielectric Strength	> 2kVAC between L-N > 2kVAC between L/N-PE (1 min/50Hz)		
Allowable Operation Temp.	-25 °C to 70 °C		
Degree of Protection	from front side IP 40 or IP 54 with sealing kit acc. to IEC 60529		
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140		
Terminal	Solder terminals or quick connect terminals		
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5 Nm		
Material: Housing	Thermoplastic, black, UL 94V-0		

### Dimensions



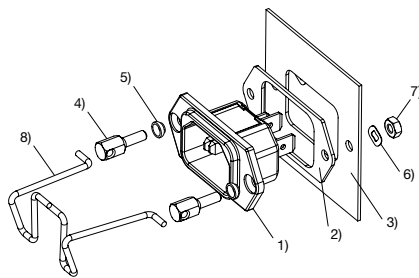
E: Solder terminals 20.5 mm  
E: Quick connect terminals 23.5 mm



- 1) mounting from front-side
- 2) mounting from rear-side

**Assembly Instructions**

6100-3 incl. sealing kit for IP 54



- 1) Appliance inlet 6100-3 with factory-mounted inlet gasket
- 2) Flat gasket
- 3) Chassis
- 4) Pillar
- 5) Gasket ring
- 6) Crinkle washer
- 7) Nut
- 8) Retaining clip

**Mating cordsets to sealing kit**

Part no	Country plug	Cable length	Cross section	Color
6000.0214	open end	2.0 m	3x1 mm <sup>2</sup>	black
6003.0215	EURO plug	2.5 m	3x1 mm <sup>2</sup>	black
6004.0215	EURO plug	2.5 m	3x1 mm <sup>2</sup>	black
6007.0212	EURO plug	1.0 m	3x1 mm <sup>2</sup>	black
6007.0214	IEC plug	2.0 m	3x1 mm <sup>2</sup>	black
6004.0114	EURO plug	2.0 m	3x0.75 mm <sup>2</sup>	black
6026.0215	Italy	2.5 m	3x1 mm <sup>2</sup>	black
6009.1315	North America	2.5 m	3x18 AWG	black
6047.6414	Japan	2.0 m	3x0.75 mm <sup>2</sup>	black
6009.1214	North America	2.0 m	3x18 AWG	black
6011.0215	Switzerland	2.5 m	3x1 mm <sup>2</sup>	black
6044.0215	United Kingdom	2.5 m	3x1 mm <sup>2</sup>	black

**All Variants**

Type	Protection Class	Panel mounting	Panel Thickness s [mm]	Terminal	IP Protection Class Front Side	Order Number
6100-3	I	Screw	-	Quick connect terminals 4.8 x 0.8 mm	IP 40	6100.3200
6100-3	I	Screw	-	Quick connect terminals 4.8 x 0.8 mm	IP 54	6100.3200.33
6100-3	I	Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP 40	6100.3300
6100-3	I	Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP 54	6100.3300.33
6100-3	I	Screw	-	Solder terminals 3.5 x 0.8 mm	IP 40	6100.3100
6100-3	I	Screw	-	Solder terminals 3.5 x 0.8 mm	IP 54	6100.3100.33

Most Popular:

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

The variants IP54 (6100.xxxx.33) include the inlet with factory mounted inlet gasket and the kit for IP protection to the equipment and for the power connector incl. a cord retaining for a specific cord connector. Samples can be ordered with suffix ".H" (e.g. 6100.3100.33.H).

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

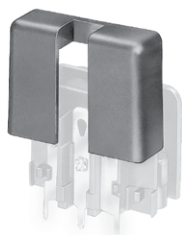
**Packaging unit** 50 Pcs

Accessories

Description



**Wire Harness**  
Wire harness for SCHURTER products



**Assorted Covers**  
Rear Cover

	0859.0048
	4311.9401
	4311.9402



**Cord retaining kits**  
Cord retaining strain relief

Flat head, A	4700.0001
--------------	-----------

Mating Outlets/Connectors

Category / Description



[Appliance Outlet Overview complete](#)

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

[Appliance Outlet further types to 6100-3](#)



[Connector Overview complete](#)

4782 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm <sup>2</sup> , Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm <sup>2</sup> , Screw clamps, Connector: IEC C13	4012

[Connector further types to 6100-3](#)