IEC Appliance Inlet C14/C18, Screw-on Mounting, Front Side, Solder or Quick-connect, Screw Terminal







70° C

Description

- Panel mount : Screw-on mounting, Front Side
- 1 Function

Technical Data

- Appliance Inlet , Pin temperature 70 $^{\circ}\text{C}$, protection class I or II
- Solder / Quick Connect / Screw Terminals

See below:

Approvals and Compliances

Other versions on request

- Variant with notch for V-Lock mating Cordsets
- PCB terminals

Weblinks

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

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

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Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 3 kVAC between L-N
	> 1.5 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

class I or II acc. to IEC 61140

PA6, black / grey / white, UL 94V-0

Appliance inlet/-outlet	C14 / C18 acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1
	(for cold conditions) pin-temperature 70
	°C, 10A, Protection Class I or II

Approvals and Compliances

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

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

shock

Material: Housing

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products. Approval Reference Type: 6061

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40011871
c FU °us	UL Approvals	UL	UR File Number: E96454

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
<u>IEC</u>	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
(UL)	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
GSA Group	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

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

Compliances

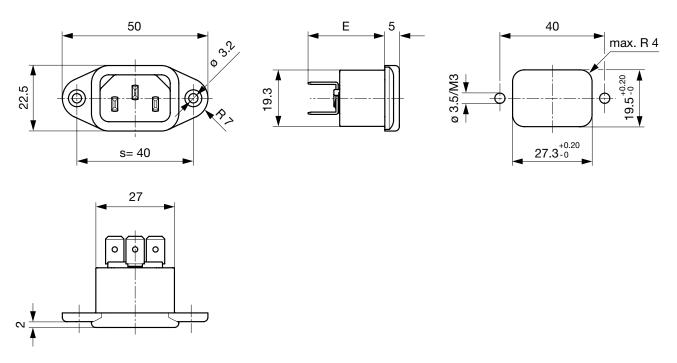
The product complies with following Guide Lines

Identification	Details	Initiator	Description
C€	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
©	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.
V -Lock		SCHURTER AG	V-Lock system are based on a matching plug-dose combination. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.



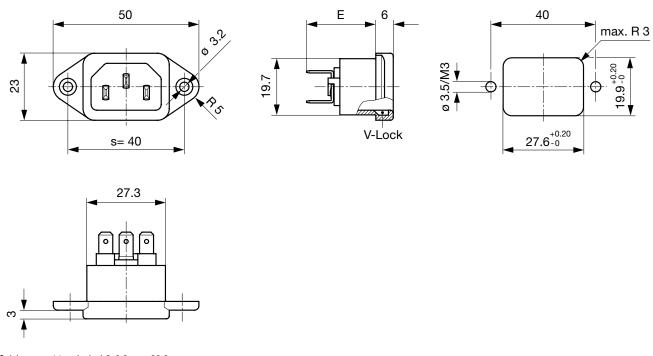
Dimensions [mm]

Countersunk mounting holes, 40 mm distance, quick connect and solder terminals



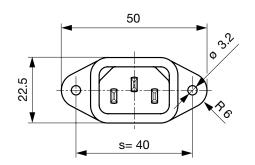
- E: Quick-connect terminals 4.8x0.8 mm: 25.3 mm
- E: Quick-connect terminals 6.3x0.8 mm: 26.3 mm
- E: Solder terminals short: 21.1 mm
- E: Solder terminals long: 24.5 mm

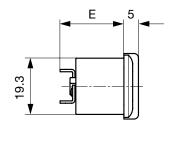
V-Lock version, countersunk mounting holes, 40 mm distance, quick connect and solder terminals

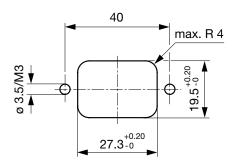


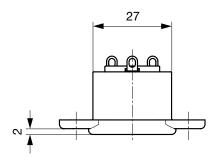
- E: Quick-connect terminals 4.8x0.8 mm: 23.8 mm
- E: Quick-connect terminals 6.3x0.8 mm: 24.8 mm
- E: Solder terminals short: 19.6 mm
- E: Solder terminals long: 23.0 mm

Through hole mounting holes, 40 mm distance, quick connect and solder terminals









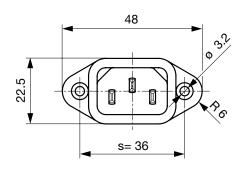
E: Quick-connect terminals 4.8x0.8 mm: 26.1 mm

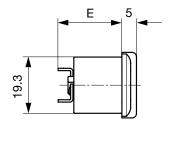
E: Quick-connect terminals 6.3x0.8 mm: 27.1 mm

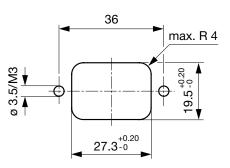
E: Solder terminals short: 21.9 mm

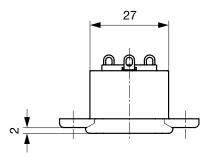
E: Solder terminals long: 25.3 mm

Countersunk mounting holes, 36 mm distance, quick connect and solder terminals









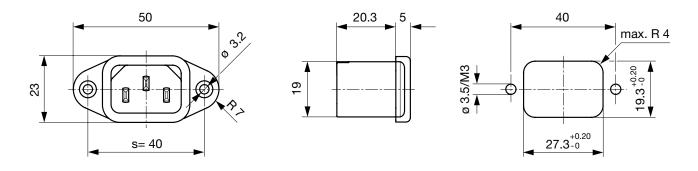
E: Quick-connect terminals 4.8x0.8 mm: 26.1 mm

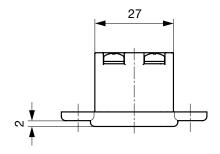
E: Quick-connect terminals 6.3x0.8 mm: 27.1 mm

E: Solder terminals short: 21.9 mm

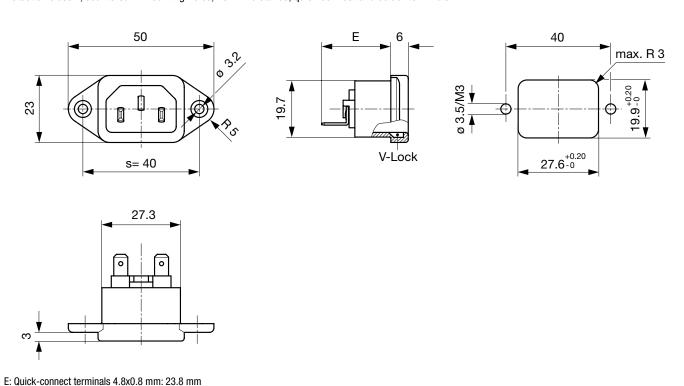
E: Solder terminals long: 25.3 mm

Countersunk mounting holes, 40 mm distance, screw terminals





Protection class II, countersunk mounting holes, 40 mm distance, quick connect and solder terminals



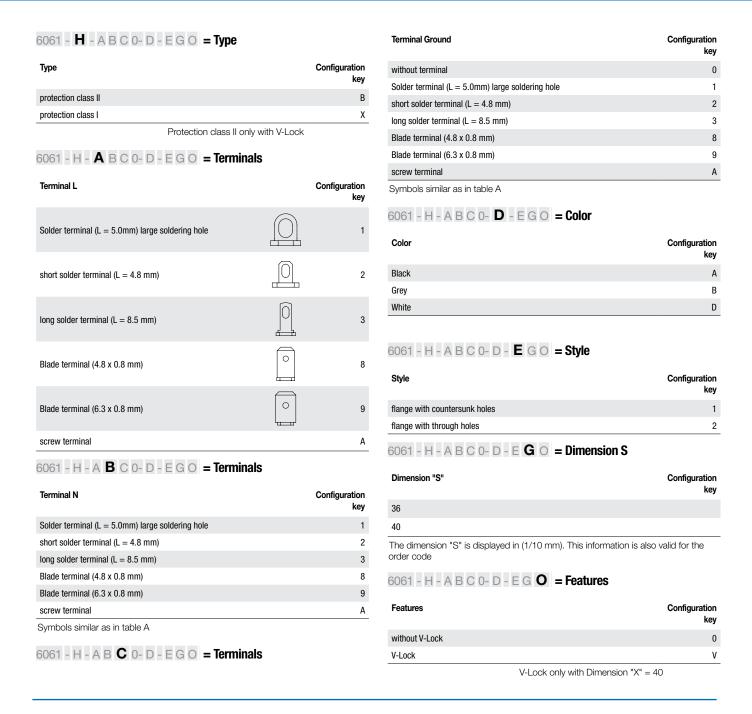
E: Solder terminals short: 19.3 mm E: Solder terminals long: 23.0 mm

E: Quick-connect terminals 6.3x0.8 mm: 24.8 mm

Config. Code

6061 - H - A B C 0- D - E G O

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



All Variants

Туре	Terminals L / N	Terminal Ground	Color	Style	Hole distance s [mm]	Features	Config. Code	Order Number	
Protection class I	short solder terminal (L = 4.8 mm)	short solder terminal (L = 4.8 mm)	black	Flange with coun- tersunk holes	36	-	6061-X-2220-A-1360	6162.0045	
Protection class I	short solder terminal (L = 4.8 mm)	short solder terminal $(L = 4.8 \text{ mm})$	black	Flange with coun- tersunk holes	40	-	6061-X-2220-A-1400	6162.0046	
Protection class I	short solder terminal (L = 4.8 mm)	short solder terminal $(L = 4.8 \text{ mm})$	black	Flange with through holes	40	-	6061-X-2220-A-2400	6162.0047	
Protection class I	short solder terminal (L = 4.8 mm)	short solder terminal $(L = 4.8 \text{ mm})$	grey	Flange with coun- tersunk holes	40	-	6061-X-2220-B-1400	6162.0048	
Protection class I	long solder terminal (L = 8.5 mm)	long solder terminal (L = 8.5 mm)	black	Flange with coun- tersunk holes	36	-	6061-X-3330-A-1360	6162.0049	
Protection class I	long solder terminal (L = 8.5 mm)	long solder terminal (L = 8.5 mm)	black	Flange with coun- tersunk holes	40	-	6061-X-3330-A-1400	6162.0050	
Protection class I	long solder terminal (L = 8.5 mm)	long solder terminal (L = 8.5 mm)	grey	Flange with coun- tersunk holes	40	-	6061-X-3330-B-1400	6162.0052	
Protection class I	Blade terminal (4.8 x 0.8 mm)	Blade terminal (4.8 x 0.8 mm)	black	Flange with coun- tersunk holes	36	-	6061-X-8880-A-1360	6162.0054	
Protection class I	Blade terminal (4.8 x 0.8 mm)	Blade terminal (4.8 x 0.8 mm)	black	Flange with coun- tersunk holes	40	-	6061-X-8880-A-1400	6162.0055	

Туре	Terminals L / N	Terminal Ground	Color	Style	Hole distance s [mm]	Features	Config. Code	Order Number
Protection class I	Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	black	Flange with coun- tersunk holes	36	-	6061-X-9990-A-1360	6162.0057
Protection class I	Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	black	Flange with coun- tersunk holes	40	-	6061-X-9990-A-1400	6162.0058
Protection class I	Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	grey	Flange with coun- tersunk holes	40	-	6061-X-9990-B-1400	6162.0059
Protection class I	Screw terminal	Screw terminal	black	Flange with coun- tersunk holes	40	-	6061-X-AAA0-A-1400	6162.0061
Protection class I	short solder terminal (L = 4.8 mm)	short solder terminal (L = 4.8 mm)	black	Flange with coun- tersunk holes	40	V-Lock	6061-X-2220-A-140V	6162.0157
Protection class I	Blade terminal (4.8 x 0.8 mm)	Blade terminal (4.8 x 0.8 mm)	black	Flange with coun- tersunk holes	40	V-Lock	6061-X-8880-A-140V	6162.0158
Protection class I	Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	black	Flange with coun- tersunk holes	40	V-Lock	6061-X-9990-A-140V	6162.0159
Protection class II	Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	black	Flange with coun- tersunk holes	40	V-Lock	6061-B-9900-A-140V	6162.0175

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

Packaging unit

50 Pcs

Accessories

Description







Rear Cover for Power Entry Module

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete



4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I	4787
4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder / Quick Connect, 10 A, Suitable for appliances with protection class I	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
$4300\text{-}06$ Mounting: Power Cord, 3 x 1 mm^2 / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4781 Mounting: Power Cord, Cable, Connector: IEC C15	4781
4784 Mounting: Power Cord, 3 x 1 $$ mm 2 / 3 x 18 AWG, Cable, Connector: IEC C15	4784

Mating Outlets/Connectors shuttered



Connector Overview complete

4783 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4783
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Power Cord Overview complete

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	VAC13KS
VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white	VAC17KS