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





70° C

See below:

Approvals and Compliances

Description

- Panel mount :
- Screw-on mounting, front or rear-side
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Solder or Quick Connect Terminal

Weblinks

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

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.

Technical Data

Ratings IEC	10A / 250VAC; 50Hz	appliance inlet/-outl
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	from front side IP20 acc. to IEC 60529	
Protection against electric	Suitable for appliances with protection	
shock	class I acc. to IEC 61140	
Material: Housing	PA6, black, UL 94V-0	

UL 60320-1, CSA C22.2 no. 60320-1
(for cold conditions) pin-temperature 70 °C, 10A, Protection Class I

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: 6048

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40011871
c FU °us	UL Approvals	UL	UL 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
(I)	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
CSA 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

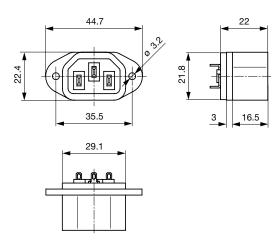
Organization	Design	Standard	Description
<u>IEC</u>	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

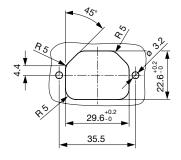
Compliances

The product complies with following Guide Lines

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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.		
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	Landing Page 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]





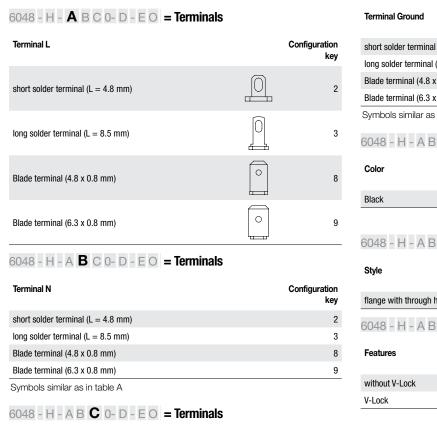
Length of the terminal please find at the order code configuration table

Config. Code

6048 - H - A B C 0- D - E O

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





Terminal Ground	Configuration key
short solder terminal (L = 4.8 mm)	2
long solder terminal (L = 8.5 mm)	3
Blade terminal (4.8 x 0.8 mm)	8
Blade terminal (6.3 x 0.8 mm)	9
Symbols similar as in table A	
6048 - H - A B C 0- D - E O = Color	
Color	Configuration key
Black	А
Style	Configuration key
flange with through holes	2
6048 - H - A B C 0- D - E O = Features	
	0
Features	Configuration key
Features without V-Lock	-

All Variants

Terminals L / N	Terminal Ground	Color	Features	Config. Code	Order Number
short solder terminal ($L = 4.8 \text{ mm}$)	short solder terminal (L = 4.8 mm)	black	-	6048-X-2220-A-20	6162.0040
Blade terminal (4.8 x 0.8 mm)	Blade terminal (4.8 x 0.8 mm)	black	-	6048-X-8880-A-20	6162.0042
Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	black	-	6048-X-9990-A-20	6162.0043
short solder terminal (L = 4.8 mm)	short solder terminal (L = 4.8 mm)	black	V-Lock	6048-X-2220-A-2V	6162.0174

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

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

Appliance Outlet further types to 6048

Connector Overview complete



4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
4782 Mounting: Power Cord, 3 x 1 mm 2 / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4012 Mounting: Power Supply Cord, 3 x 1 mm², Screw clamps, Connector: IEC C13	4012
4785 Mounting: Power Cord, 3 x 1 $$ mm 2 / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 $$ mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
Connector further types to 6048	

Mating Outlets/Connectors shuttered



Power Cord Overview complete

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	C13KS
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Power Cord further types to 6048

ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

многоканальный

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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