IEC Appliance Inlet C14/C18, Screw-on mounting, Front side,Quick-connect

new

C14   C18

70° C   70° C

See below:
Approvals and Compliances

Description
- Panel mount :
  Screw-on mounting , Front Side
- Appliance Inlet , Pin temperature 70 °C , protection class I or II
- Available in black and white

Unique Selling Proposition
- Variants made from plant-based plastics with up to 2.5 kg CO2e reduction per packaging unit
- IEC 60320 & IEC 60529
- With sealing: IP54 under load, IP67 towards housing
- Without sealing: IP20

Inlet Connector C14 / C18 also available without seal. The V-Lock cord latching system prevents against accidental removal of the power supply and allows IP54 under load.

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

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Technical Data

Ratings IEC	10A / 250VAC; 50Hz	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
Ratings UL/CSA	15A / 250VAC; 60Hz		
Dielectric Strength	> 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)		
Allowable Operation Temperature	-25°C to 70°C		
Protection against electric shock	Suitable for appliances with protection class I or II acc. to IEC 61140		
Panel Thickness S	Screw: max 8 mm Recommended torque max 0.5 Nm		
Material: Housing	PA6, black / white, 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: 6080

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40011871
c UL us	UL Approvals	UL	UR File Number: E96454
CCC	CCC Approvals	CCC	CCC Certificate Number: 2022180204032911, 202218020403405

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
UL	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

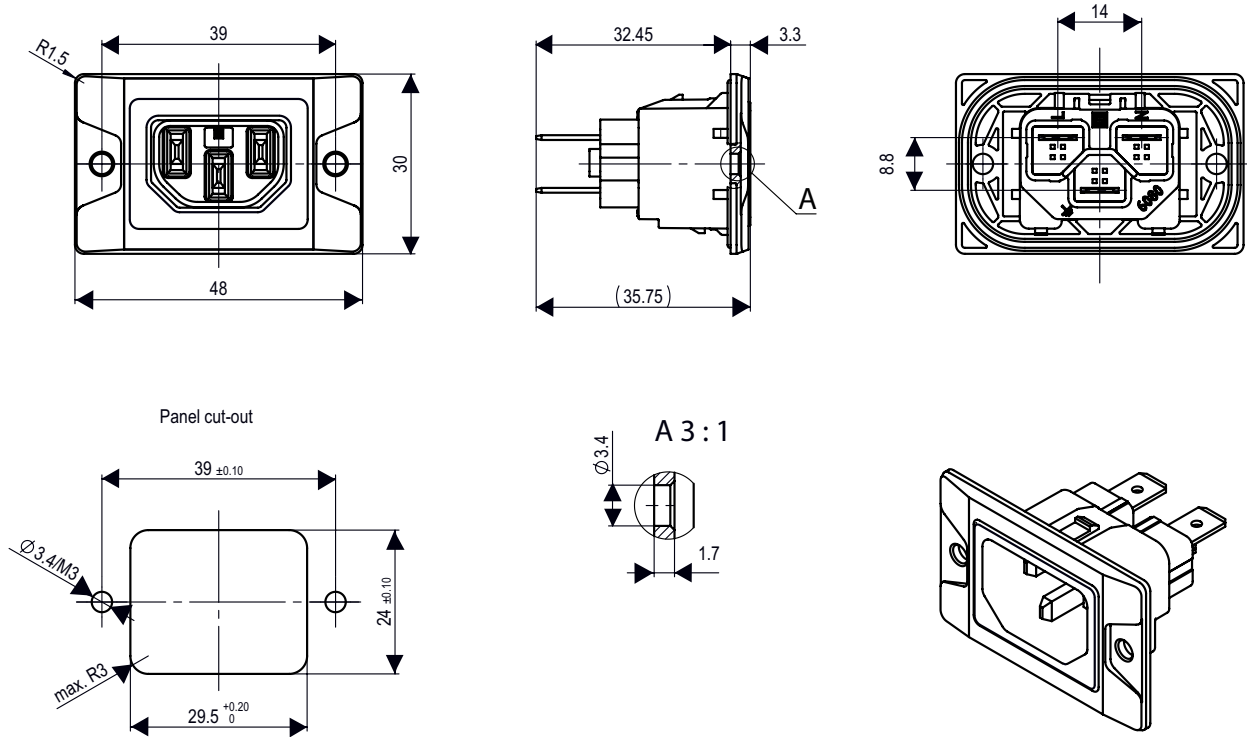| Organization	Design	Standard	Description
IEC	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

Compliances

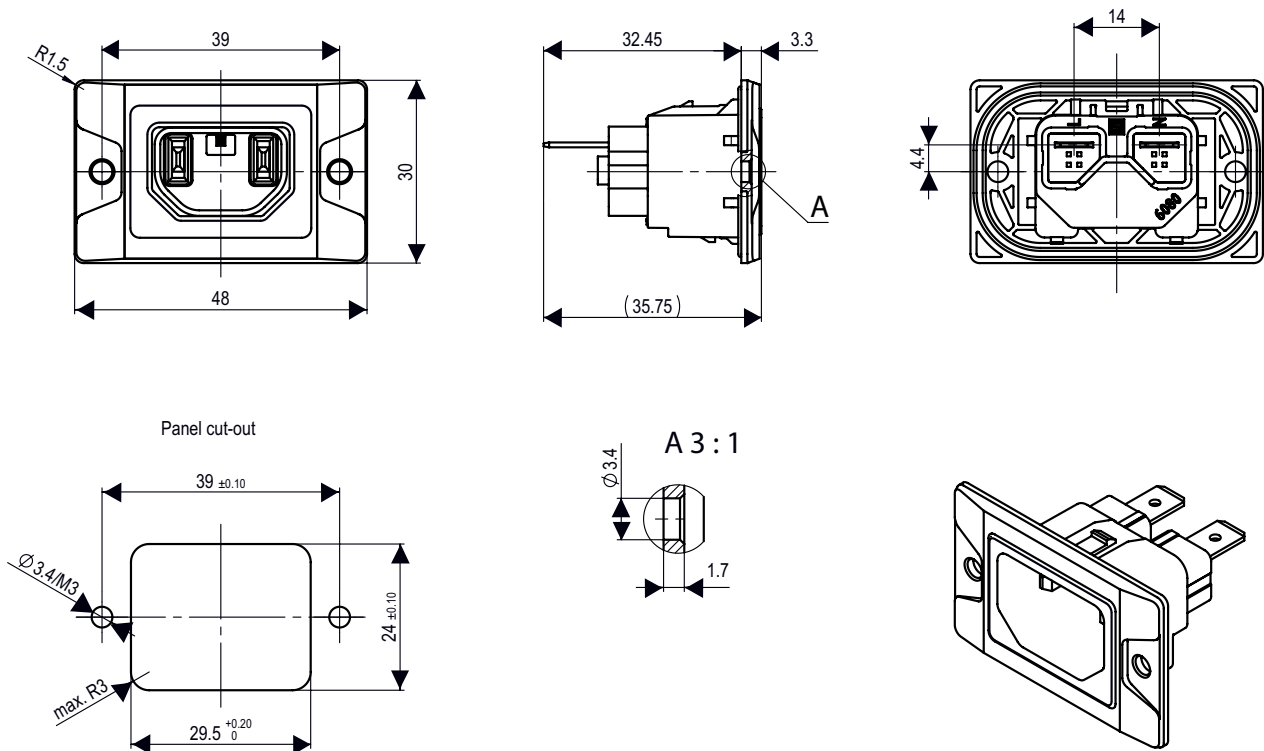The product complies with following Guide Lines

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.
UKCA	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 COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
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.
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.
		SCHURTER AG	Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources.

Dimensions [mm]

C14 with sealing

Panel cut-out

A 3 : 1

C18 with sealing

Panel cut-out

A 3 : 1

Variants

🌍	Protection Class	Terminals L / N	Terminal Ground	Color	Ingress Protection	Config. Code	Order Number
	I	QC 6.3 x 0.8 mm	QC 6.3 x 0.8 mm	black	With sealing IP54 / IP67	6080-111-0000-00	3-134-880
	I	QC 6.3 x 0.8 mm	QC 6.3 x 0.8 mm	white	With sealing IP54 / IP67	6080-111-0001-00	3-134-902
●	I	QC 6.3 x 0.8 mm	QC 6.3 x 0.8 mm	black	With sealing IP54 / IP67	6080-111-000-01-00	3-148-921
	I	QC 6.3 x 0.8 mm	QC 6.3 x 0.8 mm	black	Without sealing IP20	6080-111-1110-00	3-137-731
	I	QC 6.3 x 0.8 mm	QC 6.3 x 0.8 mm	white	Without sealing IP20	6080-111-1111-00	3-137-753
	II	QC 6.3 x 0.8 mm	-	black	With sealing IP54 / IP67	6080-110-0000-00	3-134-881
	II	QC 6.3 x 0.8 mm	-	white	With sealing IP54 / IP67	6080-110-0001-00	3-134-903
	II	QC 6.3 x 0.8 mm	-	black	Without sealing IP20	6080-110-1110-00	3-137-752
	II	QC 6.3 x 0.8 mm	-	white	Without sealing IP20	6080-110-1111-00	3-137-754
●	II	QC 6.3 x 0.8 mm	-	black	Without sealing IP20	6080-110-111-01-00	3-151-162

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

Packaging unit	20 Pcs

Accessories

Description

SC54C13KS
Overview Power Supply Cord with IEC Connector C13, V-Lock, IP54

Mating Outlets/Connectors shuttered

Category / Description

Connector Overview complete

4783 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4783

Power Cord Overview complete

SC54C13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	SC54C13KS
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

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