IEC Appliance Inlet C14 with Line Switch 2-pole



Screw-on mounting and line Switch illuminated



Screw-on mounting and line Switch illuminated non-illuminated



Screw-on mounting and line Switch illuminated **PCB** Mounting



70° C

See below:

Approvals and Compliances

Description

- Panel mount :
- Screw-on mounting on PCB/Panel backside with screws M3
- 2 Functions:
- Appliance Inlet Protection class I, Line Switch 2-pole
- For PCB mounting

Characteristics

- Ultra-compact design
- All single elements are already wired
- Unwired versions available on request
- Line switch non-illuminated or illuminated
- Standard versions with rear-side insulation cover
- Ideal for application with high transient loads
- Suitable for use in equipment according to IEC/UL 62368-1

Other versions on request

- Fixing on PCB with self-tapping screws 3 mm or pre-inserted nuts M3
- Other rocker marking
- For protection class II
- Without cover

References

Alternative: version with line filter DC22

Weblinks

pdf data sheet, html datasheet, General Product Information, Approvals, 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	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 2.5 kVAC between L-N
	> 3 kVAC between L/N-PE
	(1 min/50 Hz)
Allowable Operation Tempe-	-25 °C to 70 °C
rature	
IP-Protection	from front side IP40 acc. to IEC 60529
Protection against electric	Suitable for appliances with protection
shock	class I acc. to IEC 61140
Terminal	For PCB mounting: Ground terminal:
	Quick connect terminals 4.8 x 0.8 mm
Panel Thickness S	Screw: max 3.5 mm
	Mounting screw torque max 0.5 Nm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance inlet/-outlet	C14 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
Line Switch	Rocker switch 2-pole, non-illuminated
	or illuminated, acc. to IEC 61058-1
	Technical Details

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: DC21

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40007009
c FU °us	UL Approvals	UL	UL File Number: E96454
(W)	CCC Approvals	CCC	CCC Certificate Number: 2017180204002872/2017180204002912

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
<u>IEC</u>	Designed according to	IEC 61058-1	Switches for appliances. Part 1. General requirements
(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
<u>IEC</u>	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

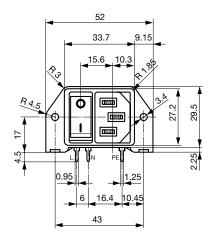
Compliances

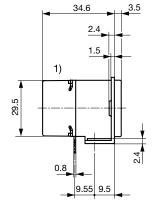
The product complies with following Guide Lines

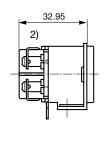
Identification	Details	Initiator	Description
C€	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
ROHS	RoHS	SCHURTER 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.

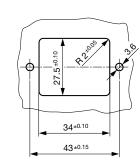
Dimensions [mm]

Screw-on mounting

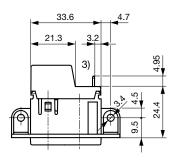


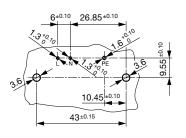






- 1) with cover
- 2) without cover



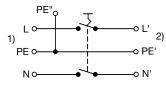


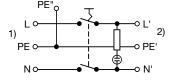
3) PE additionally as quick-connect terminal 4.8 x 0.8 mm

Diagrams

Line switch non-illuminated 2-pole

Line switch illuminated 2-pole





1) Line

1) Line

2) Load

2) Load

All Variants

						_
Panel mounting	Line Switch	Illumination	Color	V-Lock	Order Number	
Screw	2-pole		-		DC21.0021.1111	
Screw	2-pole		-	•	DC21.0021.1111.21	
Screw	2-pole	•	red		DC21.0023.1111	
Screw	2-pole	•	green		DC21.0024.1111	

Most Popular.

Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/ Stock-Check-SCHURTER

Suffix ".21" corresponds to the version with 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.

Packaging unit 40 Pcs

Accessories

Description



Cord retaining kits Cord retaining strain relief

Flat head, G 4700.0007

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

4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder terminals or quick connect terminals, 10 A, Suitable for 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 DC21

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 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4012 Mounting: Power Supply Cord, 3 x 1 mm², Screw clamps, Connector: IEC C13	4012
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4781 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15	4781
Connector further types to DC21	

Mating Outlets/Connectors shuttered



Connector Overview complete

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

Connector further types to DC21



Power Cord Overview complete

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black VAC13KS

Power Cord further types to DC21

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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