## IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole, mates to Felcom





#### **Description**

- Component: Snap-in version front side
- 2 Functions:
- Appliance Inlet Protection class I , Fuseholder for fuse-links 5 x 20 mm 1- or 2-pole
- Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13.
- For PCB mounting, fits to Felcom

#### See below:

#### **Approvals and Compliances**

#### **Characteristics**

- Individual components soldered on a printed circuit board
- Plug removal necessary for fuse-link replacement
- Suitable for use in equipment according to IEC/UL 62368-1

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

#### **Technical Data**

Ratings IEC	10A / 250VAC; 50Hz	Appliance inlet/-outlet	C14 acc. to IEC 60320-1,	
Ratings UL/CSA	10A / 250VAC; 60Hz		UL 60320-1, CSA C22.2 no. 60320-1	
Allowable Operation Tempe-	-25 °C to 70 °C		(for cold conditions) pin-temperature 70	
rature			°C, 10A, Protection Class I	
IP-Protection	front side IP40 acc. to IEC 60529	Fuseholder	1-/2-pole, Shocksafe category PC2	
Protection against electric	Suitable for appliances with protection		acc. to IEC 60127-6, UL 498,	
shock	class I acc. to IEC 61140		for fuse-links 5 x 20 mm	
Terminal	For PCB mounting	Rated Power Acceptance @	5 x 20: 2W (1 pole)/ 1.6W (2-pole) per	
Panel Thickness S	Snap-in: 1/1.2/1.5/2/2.5/3 mm	Ta 23 °C	pole	
Material: Housing	Thermoplastic, black, UL 94V-0	Power Acceptance @ Ta >	Admissible power acceptance at higher	
		23°C	ambient temperature see derating cur-	

#### **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: 6250 / 6255

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40046421
c <b>FU</b> °us	UL Approvals	UL	UR File Number: E93617
(W)	CCC Approvals	CCC	CCC Certificate Number: 2018180204007242

## **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 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
<u>IEC</u>	Designed according to	IEC 61058-1	Switches for appliances. Part 1. General requirements
(I)	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
GB 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>	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<u>IEC</u>	Suitable for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
<u>IEC</u>	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13.

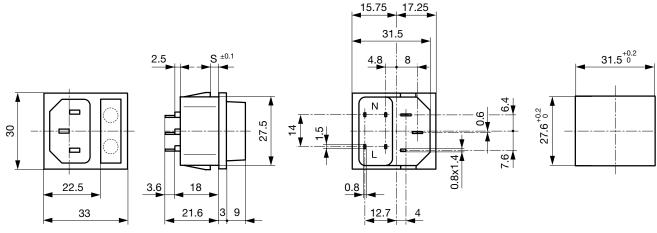
#### Compliances

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
<b>©</b>	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.
00	White Paper Glow wire test	SCHURTER AG	Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13.
T	Medical Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1 (1 MOOP, 1 MOPP)

# Dimensions [mm]

Appliance inlet with fuseholder

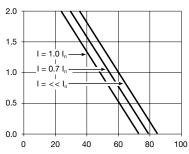


Appliance inlet with fuseholder

## **Derating Curves**



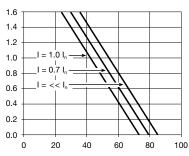
Admissible power acceptance in



Ambient air temperature Ta °C

# 2-pole





Ambient air temperature Ta °C

# **All Variants**

Туре	Panel Thickness s [mm]	Line Switch	Fuseholder	Connectors	Outlet	Order Number
6250 / 6255	1	-	1-pole	C14	-	6250.5510
6250 / 6255	1	-	2-pole	C14	-	6255.5510
6250 / 6255	1.2	-	1-pole	C14	-	6250.5512
6250 / 6255	1.2	-	2-pole	C14	-	6255.5512
6250 / 6255	1.5	-	1-pole	C14	-	6250.5515
6250 / 6255	1.5	-	2-pole	C14	-	6255.5515
6250 / 6255	2	-	1-pole	C14	-	6250.5520
6250 / 6255	2	-	2-pole	C14	-	6255.5520
6250 / 6255	2.5	-	1-pole	C14	-	6250.5525
6250 / 6255	2.5	-	2-pole	C14	-	6255.5525
6250 / 6255	3	-	1-pole	C14	-	6250.5530
6250 / 6255	3	-	2-pole	C14	-	6255.5530

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

Packaging unit

50 Pcs

# **Mating Outlets/Connectors**

## Category / Description





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
4300-06 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 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 <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C15	4784