#### SCHURTER Smart Connector DS11





### Description

Connectivity

Wireless LAN Bluetooth

- Smart IEC Appliance Inlet C14 with WiFi
- Panel mount, Snap-in version from front side
- Unique mounting variant
- Compact design

# **Unique Selling Proposition**

- First of its kind on the market
- Bi-directional connection from the cloud
- Device connection via WiFi
- Compatible with V-Lock cord retention

#### See below: Approvals and Compliances

#### **Characteristics**

- WiFi 802.11b/g/n or Bluetooth 4.2 connectivity
- Relay switchable via WiFi (Cloud)
- Integrated energy live measurement with update rate up to 60 sec.
- Low standby Energy consumption (<0.5W)
- Button with RGB backlight
- Smartphone App for easy configuration, control and monitoring (iOS and Android)
- Smart API for direct data tranfer to your own cloud

#### Weblinks

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

Online-State

Voltage

Current

Power

Time last seen

Accumulated Energy

#### **Technical Data Electrical Properties Cloud Connectivity** Ratings IEC 10A / 250VAC; 50Hz Data stored per device Energy Consumption (Standby) < 0.5 W C14 acc. to IEC 60320-1 Appliance Inlet (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I **Mechanicall Properties IP-Protection** IP40 **Measurement Properties** Active Energy Metering Error ±0.2% full range Reactive Energy Metering Error ±0.4% full range Minimum measurable Current 20 mA

	Power Factor
	Frequency
	State of AC output
	SSID of the connected network
	Name of the device
	Paired user accounts including device
	owner
Data stored per user	Username / Password (encrypted)
	E-Mail address
	Subscription information
SCHURTER Smart Services	
SCHURTER Smart Dashboard	Web-based dashboard for device moni- toring, management and control
SCHURTER Smart App	Smartphone app for Apple and Android devices. The smartphone app allows to easily configure the WiFi credentials on the SCHURTER Smart Connector DS11 and interface with the SCHURTER Smart Ecosystem
SCHURTER Smart API	

WiFi 802.11b/g/n

Bluetooth 4.2 BLE

to interface directly with the SCHURTER Cloud via HTTPS and dedicated GET/ POST/PUT/DELETE endpoints 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.

Description

VDE Certificate Number: pending

#### Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products. Approval Reference Type: DS11

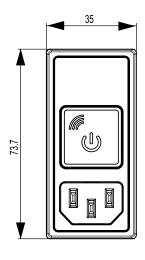
Product standards that	are referenced		
Organization	Design	Standard	Description
IEC.	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes

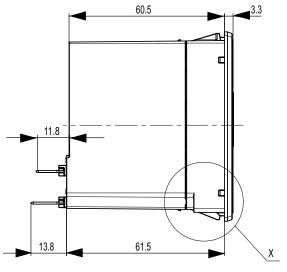
## Compliances

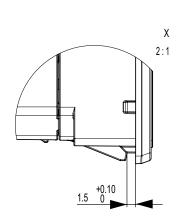
The product complies with following Guide Lines

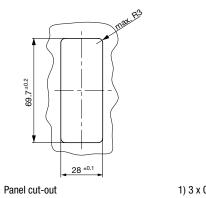
The product complies w	ith following Guide Lines		
Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
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
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.
<b>V</b> -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.

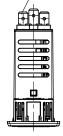
# Dimensions [mm]











1) 3 x Quick connect 6.3 x 0.8 mm

D S 1 1 - 1 1 - 00	00	- 15	04	]-[	0	2	-	01	01	01
1 2 3	4	5	6		7	8		9	10	11
Switching Element									C,	1
Relay	=	1								
Switch									C,	2
With	=	1								
Color Housing with Switch									୍ଦ୍	3
Black	=	00								
Color Housing without Swite	ch								0	4
Black	=	00								
Appliance Inlet									0	5
C14	=	15							-13	•
Rated Current									0	6
10 A	=	04							73	
Device Interface									୍ଦୁ	7
None	=	0							-13	
Isolated	=	1								
Mounting									0	8
Snap-in 1.5 mm	=	2							-	
Terminal PE									Q	9
QC 6.3 x 0.8	=	01							-	
Terminal N									Q	10
QC 6.3 x 0.8	=	01								
Terminal L									Q	11
QC 6.3 x 0.8	=	01							13	

# Variants

Packaging unit

Rated Current [A]	Protection Class	Serial device in- terface	Mounting	IP-Protection	Config. Code	Order Number			
10	I	None	Snap-in	IP40	DS11-11-0000-1504-02-010101	3-137-412			
Most Popular.									
Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER									

# Mating Outlets/Connectors shuttered

Category / Description

10 Pcs



# Connector Overview complete

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

#### Power Cord Overview complete

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

VAC13KS

4783