TECHNICAL DATA SHEET

1/02/2018

Designation	**ON/OFF PLUG io**
Reference	E Type :1822617 - F Type : 1822618
Range	io

FUNCTIONS

The **ON/OFF Plug io** is an outlet which allows to plug in one table/reading/floor lamp or a small electrical appliance. This product exists in two versions: **E-Type** and **F-Type**. The aim of this product is to turn the wired electrical device into a radio or connected device to be controlled by a remote or a smartphone/tablet via TaHoma/Connexoon io APP. From home or away, it allows to check if your light is on or off, and to change its status remotely. One remote (or smartphone/tablet) can control several lights at a time if they are equipped with this outlet.



All **io remote**



Technical Specifications	
Power supply	220-240 V AC, 50Hz, 8 A max.
Max. power	Resistive load 1800 W Fluorescent 200 W LED 150 W Other load 1800 W
Protocol	io-homecontrol (2-way)
Frequency bands and max. effective radiated power	868,000MHz – 868,600MHz e.r.p. < 25mW 868,700MHz – 869,200MHz e.r.p. < 25 mW 869,700MHz – 870,000MHz e.r.p. < 25 mW
Free field range	200 meters
Indoor range	128 m through 2 concrete walls 8 m through 2 reinforced concrete walls
Dimensions	Ø : 45mm L : 73mm (E-Type) ; 77mm (F-Type)
Weight	70g
Index protecting rage	IP20 (indoor use in a dry room)
Storage temperature	-10 °C à +60 °C
Operating temperature	0°C to +40°C
Number of io remote controls	1-way : 10 remote control devices 2-way : unlimited

NB: After pairing 10 one-way controllers, the eleventh will be refused.

DIMENSIONS



Total length:
73 mm for E-Type
77 mm for F-Type



Diameter: *45 mm*
(same for E-Type and F-Type)

DESCRIPTION OF USE

The power switching is ensured by a relay.
The indicator LED is white.



PLUG BUTTON
Press once to toggle ON and OFF.
Press 3 seconds to enter pairing mode. And follow your remote control equipement user guide to pair.
Press longer than 7 seconds to reset.

PLUG LED INDICATOR
The LED is on to indicate power ON status.
The LED is off to indicate power OFF status.
The LED blinks to indicate the plug is in configuration mode.

COMPATIBILITIES

All Somfy 1W & 2W io-homecontrol controls/remotes , such as:

- Smoove io
- Situo 1 io
- Situo 5 io
- Easy Sun io
- Nina Group io
- Nina Timer io
- Keytis 4 Home io
- Keygo io

All io-homecontrol compatible boxes

- TaHoma
- Connexoon Window io
- Connexoon Access io
- Connexoon Terrace io
- E-Connect (Rexel)

All Somfy io alarm systems

- Home keeper io
- Protexial io

APPLICABLE STANDARDS

Safety and Health: EN61058-1:2002 + A2:2008 + National requirement; EN 62479:2010
EMC compliances: EN 301489-1 V1.9.2:2011; EN 301489-3 V1.6.1:2013;
Radio compliances : EN 300220-1 V3.1.1 :2017 ; EN 300220-2 V3.1.1 :2017
ERP directive and related regulations : Directive 2009/125/EC, standby mode <0.5W