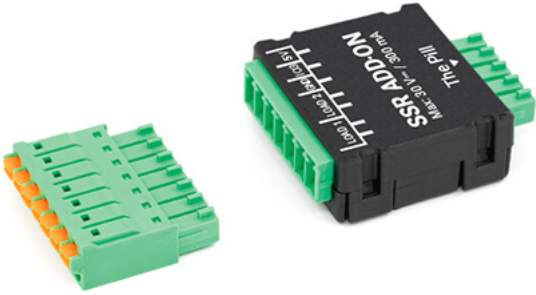


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Ssr Add On

Device image(s)



Device identification

Device name: **SSR Add-on**

Device model: **N/A**

Short description

Dual-channel control of DC Loads up to 30V.

Controls two independent DC loads up to 30V/300mA per channel using galvanically isolated solid-state relays for enhanced usability.

Requires: 5-Terminal Add-on for connection with The Pill

Main feature

Isolate and control DC loads: Use to control two separate DC Loads, max 30V / 300 mA each.

Device electrical interfaces

Inputs

1 Configurable Digital Input/Output (logic-level 3.3V) - IO3

Outputs

2 potential-free contacts solid-state relay outputs - **LOAD1** and **LOAD2**

Power

Optional Power terminals - 5V, GND

Addon interface

Interface connector for *5-Terminal Add-on* for connection with The Pill

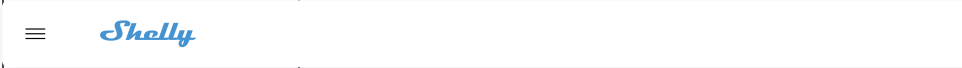
Detailed inputs and outputs description



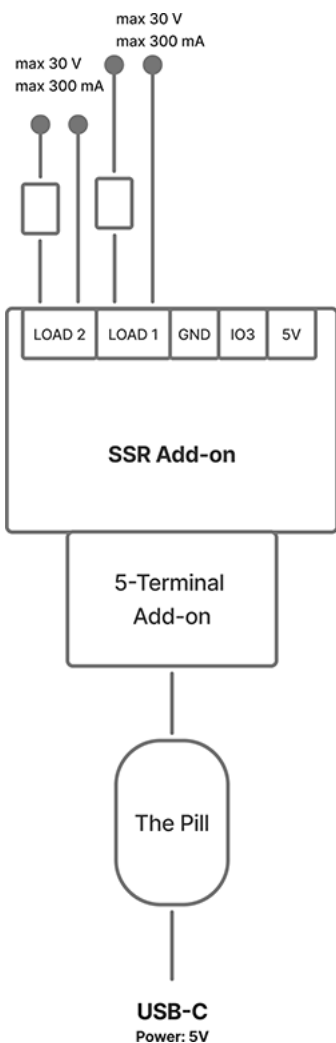
Symbol	Beschreibung	Usage
LOAD1	Channel 1 output	max. 30 V _{DC} / 300 mA
LOAD2	Channel 2 output	max. 30 V _{DC} / 300 mA
GND	Ground	Reference ground for connected sensors or power supply
IO3	Input/Output (logic-level 3.3V)	Configurable for: Digital Input or Digital Output
5V	5V Power	Power output for connected peripheral or 5V Power for The Pill

Schaltplan

Physical	
Size (HxWxD):	36 mm x 31mm x 11.5mm
Weight:	12 g
Shell color:	Black
Environmental	

Ambient working temperature:	0 to 40 °C / 32 to 105°F
	
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft
Electrical	
Power consumption:	< 0.6 W
Max. switching voltage:	30 V _~
Max. switching current:	300 mA

Basic wiring diagrams



Declaration of conformity