

LoRa® Remote Power Switch

LRPS01 EU

Control devices remotely from anywhere
over LoRaWAN

The LoRa® Remote Power Switch (LRPS01) is a device for remotely controlling home and industrial appliances. The unit features one IEC-C14 input connector, and one IEC-C13 output connector so that it easily fits into any computing environment.



Applications include the remote control of heating in vacation homes, lighting, engine pre-heaters, aviation engine heaters, irrigation systems, water well pumps, pumping stations, cabin heaters, resetting remote servers, enabling and disabling security systems, access control of gates and garage doors. Communication to the LRPS01 is done using the integrated LoRaWAN module. All you need to do connect the LRPS01 to a private or public LoRaWAN network. Connect your appliance to the power outlet and you have your appliance under control.



Reboot equipment remotely



Remote control powered equipment



Smart watermanagement

Features

1 switchable mains outlet

Input voltage: 100 – 250V AC, 50-60Hz

Connectors: 1x IEC-C14 input, 1x IEC-C13 output,

AC switching current: 6A outlet (6A in total)

LoRaWAN:

LoRa®, class C

15mW output @ 868MHz for Europe

Activation by Personalization (ABP) or

Over-The-Air Activation (OTAA)

LEDs:

1x power/LoRaWAN status (blue)

1x contact on/off (green)

Size: 105.0L x 57.3W x 38.0H (mm) 4.134L x 2.256W x 1.495H (inches)

Weight: 200 gram (7 ounces)

Operating conditions, indoor:

-10°C to +40°C (14°F – 104°F)

