



SH-ACP

REMOTE CONTROLLED AC PLUG SOCKET
P/N XXXXXXX REV. A (DZ)

INTRODUCTION

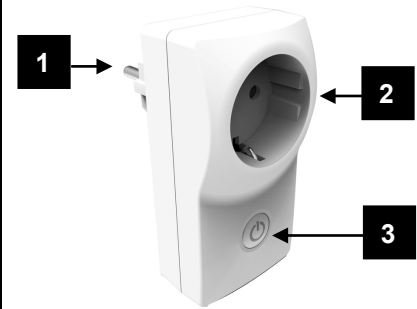
The FW2-ACP is a remote controlled AC plug socket for indoor use.

This FW2-ACP is easy-to-install and can be plugged into any socket of your choice, allowing you to control any electrical appliance rated less than 3200W (heater, lamp, etc) either manually directly on the Plug, locally from panel or control device and/or remotely via mobile application.

FEATURES

- FW2 GFSK protocol.
- Frequency Band: 868.35MHz / 916MHz.
- Supervision transmission.
- Color LED indications
- Range up to 150m on open space.

OVERVIEW



| | |
|---|---------------------------------------------|
| 1 | Connection to AC Mains (IN) |
| 2 | Power Socket OUT (Maximum 3200W) |
| 3 | LED Status Indicator (RED during ON status) |

LEARNING PROCEDURE

The learning procedure of the FW2-ACP Plug is very simple and easy.

1. If inserted, remove the FW2-ACP from the mains.
2. Initiate the Control Panel in "Radio Output" learning process.
3. Select the output number you want to assign to the FW2-ACP and start the learning procedure.
4. Plug the FW2-ACP to the mains.
5. The RED Led is blinking 3 times and switch off.
6. The learning procedure is done. The module can now be controlled as Output from your panel.

INSTALLATION

The FW2-ACP Plug is very easy to install and suits to major mains sockets. (please refer to your installer for specific models)



TRANSMISSION TESTS

After learning and installing the socket we recommend to perform transmission tests.

Changing the ON/OFF switch state by activating and deactivating the related Output.

- Output ON switch ON the socket module
- Output OFF switch OFF the socket module



| LED ON | LED OFF |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • The RED Led is ON • Socket activated • Appliance powered | <ul style="list-style-type: none"> • The RED Led is OFF • Socket not activated • Appliance not powered |

MANUAL CONTROL

The FW2-ACP can be manually controlled directly from the module.

1. Follow the "Learning Procedure" part.
2. Press 2 times the ON/OFF button for 1 sec to initiate the unit – Red Led should be switched on.
3. Press the ON/OFF button for 1 second to switch off the unit.
4. Connect your appliance (lamp for example)

REGULATORY APPROVALS

The SH-ACP conforms to the essential requirements set out by:

EN60669-1:1999+A1:2002+A2:2008
EN60669-2-1:2004
EN301489-1
EN301489-3
EN300220-2

TECHNICAL SPECIFICATIONS

| | |
|----------------------|--------------------------------------------------------------------|
| Operation Method | Relay Switch OPEN / CLOSE |
| Data Protocol | FreeWave2 ISM |
| Frequency | 868-869MHz / 916-917MHz |
| Identification | Unique ID serial number – 24 bit |
| Events Transmission | ON/OFF Status, Supervision |
| Supervision Time | 7 min by default (configurable between 1 to 30 minutes) |
| Range in open space | 150m |
| Power Supply | Powered directly from the mains |
| Current Consumptions | Standby ~4ma@220VAC Receive mode ~24 mA Transmit mode ~45 mA |
| Operating Temp | -10°C to +55°C |
| Dimensions | 100mm x 50mm x 75mm |
| Weight | 100 gr. |

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