RX30RF

Elypso Receiver

About this product...

As part of the SALUS Smart Home System and requiring the UG800 Universal Gateway, the RX30RF Receiver serves as the crucial link between the EL600T Elypso Smart Thermostat and your boiler, ensuring seamless communication so that the boiler responds whenever the thermostat calls for heat. Equipped with multiple LED indicators on the front, the receiver provides clear feedback on its current status, making it easy to monitor its operation and troubleshoot any issues. These visual cues help guide you through the pairing process and ensure the system is working efficiently, providing reliable heating control for your home.
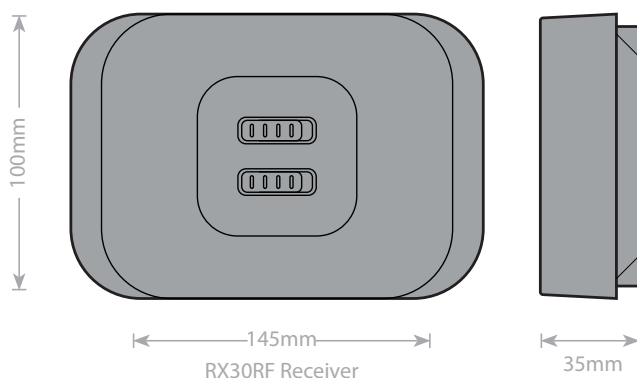
Features

- Switching volt free and 230V (using a bridge)
- Manual Mode
- LED indicators
- Can be used as boiler receiver or individual
- With 2 zones, main and auxiliary
- OpenTherm standard communication

Specification

Connectivity	Zigbee 2.4GHz
Input Power:	230V AC 50Hz
Switch Rating	Dual channel: 5(3) A
Output	Opentherm via A and B contacts 0-230V via dual channel Com-No-Nc contacts
Operating Temperature	-20°C to +40°C
Zigbee Standard	3.0/IT600
Dimensions (WxHxD)	145mm x 100mm x 35mm
Guarantee	5 Years

Dimensions

100mm

145mm
RX30RF Receiver

35mm

RX30RF Receiver - Technical Data

Electrical and Mechanical Specifications

Connectivity	Zigbee 2.4GHz
Input Power	230V AC 50Hz
Switch Rating	Dual channel: 5(3) A
Output	Opentherm via A and B contacts 0-230V via dual channel Com-No-Nc contacts
Dimensions	L - 145 H - 100 D - 35mm
Material (Housing)	Plastic
Operating Temperature	0°C to +50°C
Safety Approval	Class I
Zigbee Standard	3.0/IT600
Pairing	Via Gateway
Guarantee	5 Years

TERMINAL	LABEL	FUNCTION
1	NO	Main(CH1) Normal Open Contact (0-230V input)
2	COM	Main(CH1) Common Contact (0-230V input)
3	NC	Main(CH1) Normal Close Contact (0-230V input)
4	L	Mains Live input
5	L	Mains Live input
6	GND	Mains Earth park
7	N	Mains Neutral input
8	N	Mains Neutral input
9	NC	AUX(CH2) Normal Close Contact (0-230V input)
10	NO	AUX(CH2) Normal Open Contact (0-230V input)
11	COM	AUX(CH2) Common Contact (0-230V input)
12	A	Wire to OpenTherm Boiler
13	B	Wire to OpenTherm Boiler

LED Indication and Pattern

DESCRIPTION	LED 1	LED 2
Factory Reset	Solid Orange(Red+Green) for 10 sec	Solid Orange(Red+Green) for 10 sec
Joining Network	Flash Red @1Hz (1x per second)	Flash Red @1Hz (1x per second)
Device not in Network/ Loss Link with bound device	Flash Red @2Hz (2x per second), regardless of the switch position	Flash Red @2Hz (2x per second), regardless of the switch position
Loss Link With Coordinator	Flash Red Pattern3	NA
Relay is ON	Solid Green	Solid Green
Relay is Off	Solie Red	Solid Red
Endpoint 1 is identity and in Wait for Pair	Flash Green Pattern1	-
Endpoint 2 is identity and in Wait for Pair	-	Flash Green Pattern1
When Manual On/Off switch is disabled but switch is at On or Off position	The corresponding LED at the switch flash Orange @1Hz (1x per second)	The corresponding LED at the switch flash Orange @1Hz (1x per second)
Identify(from gateway)	NA	Flash Green @2Hz (2x per second)

The Red and Orange/Green Color of LED1 and LED2 will not show at the same time. During the time when Green is ON, Green will show up when Red flash-off pattern.

For example
When Relay is ON and device is in joining network
The pattern would be: Red ON Green OFF 0.25s, Red OFF Green ON 0.25s, Red ON Green OFF 0.25s, Red OFF Green ON 0.25s, Red ON Green OFF 0.25s, Red OFF Green ON 3.75s

When Relay is OFF and device is in joining network
The pattern would be: Red ON Green OFF 0.25s, Red OFF Green OFF 0.25s, Red ON Green OFF 0.25s, Red OFF Green OFF 0.25s, Red ON Green OFF 0.25s, Red OFF Green OFF 3.75s

DIP Switch Tables

SINGLE ZONE SYSTEM	SW3-1	SW3-2	SW3-3
1.1 Central Heating or Heat/Cool 2-pipe system	ON	ON	ON
1.2 Heat/Cool 4-pipe system	ON	ON	OFF
1.3 Central Heating and Domestic Hot Water	ON	OFF	ON
To be defined	ON	OFF	OFF

DUAL ZONE SYSTEM	SW3-1	SW3-2	SW3-3
2.1 Dual heating zones with On/Off boiler. Total 3 T'Stats one per zone	OFF	ON	ON
To be defined	OFF	OFF	ON
To be defined	OFF	ON	OFF
To be defined	OFF	OFF	OFF

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