

## KRFT - Quinetic RF Transmitter

### KRFT

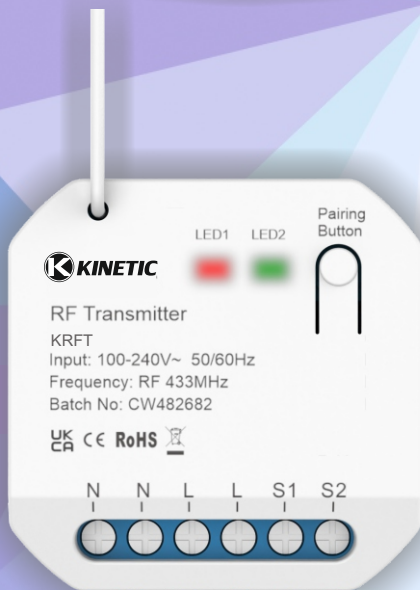
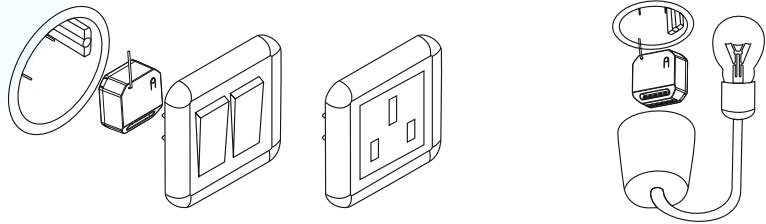
The Kinetic RF Transmitter is a device that sends an RF signal and wirelessly operates (ON/OFF) any Kinetic receiver whenever voltage is applied to it.

It is extremely useful in situations where the target load is connected to a different circuit in a different part of the building/site.

The transmitter has two independent channels and works like a Kinetic switch, the difference between them being the capability of the transmitter to be triggered by external equipment rather than human manual operation.

After the RF transmitter is paired with the wireless receiver, it will send a wireless signal ON to the receiver when either of the S1/S2 live lines receives input signal. It will send an OFF signal to the wireless receiver when either of the S1/S2 input lines is disconnected.

Each RF transmitter can be paired with multiple wireless receivers. It can be mounted in the ceiling, wall, electrical socket box, behind an electrical switch (N required), etc..



### Product Specifications:

**Product Code:** KRFT

**Voltage Range:** AC100-240V 50/60Hz

**Power Supply:** Neutral & Live Line

**Control Distance:** 80m outdoor, 30m indoor\*

**Communication Rate:** 100Kbps

**Communication Way:** RF 433MHz

**Capacity:** Can be paired with an unlimited number of Kinetic receivers

**Communication Channels:** Dual Channel  
with LED Indicators (Red & Green)

**Wiring Method:** Screw Terminals

**Signal Input:** 2 Channels Live Line Input (AC100-240V)

**Stand-by Power Consumption:** <1W

**Control Method:** The RF Transmitter sends an RF signal and wirelessly operates (ON/OFF) any Kinetic receiver whenever voltage is applied to it

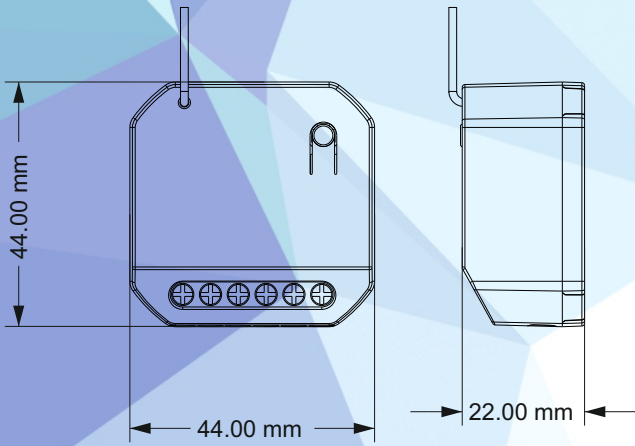
**Working Environment Temperature:** -20°C ~ +55°C

**Product Size:** L44xW44xH22mm

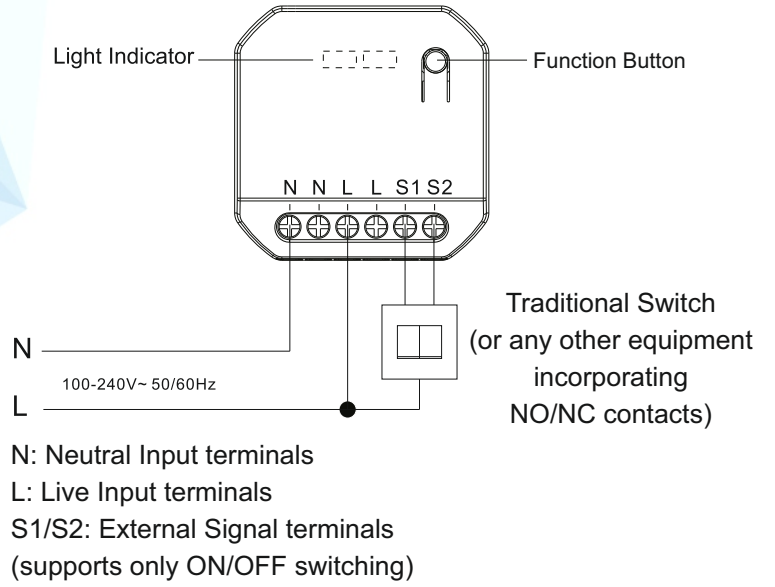
**3 Year Warranty**

\*Distance comes from Kinetic laboratory test results. The actual distance in practical use might vary due to environmental difference.

**Dimensions:**



**Wiring Diagram & Terminals:**



**Applications:**

The application sectors in which the Kinetic RF transmitter can be integrated include: alarm systems, PLC systems, lighting, heating, water control systems and more.



Intruder alarm systems



Fire alarm systems



PLC Systems (KNX)



General lighting



Water control systems



Heating systems

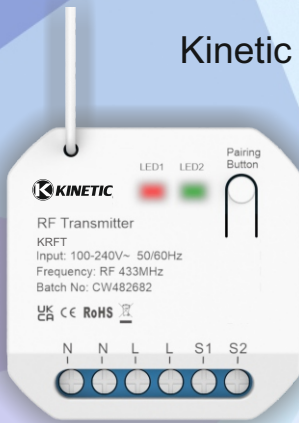


Exterior lighting

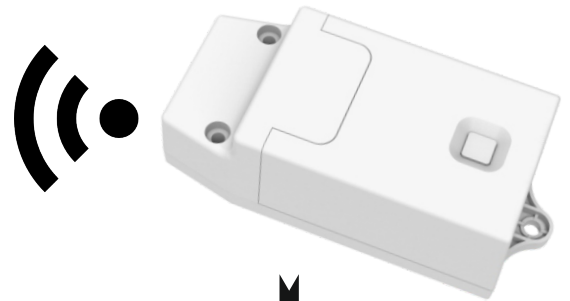
## More Applications:

- Relay contacts on intruder alarms or PLC systems like KNX to wirelessly turn ON lighting
- Status contacts on ambient or surface thermostats to wirelessly operate heating pumps, 3-way valves, solenoid valves, immersion elements, boilers, etc
- Status contacts on existing hardwired photocells or PIR sensors to wirelessly operate lighting or other electrical equipment like well pumps, gate locks, gate motors, etc
- Status contacts on flow or pressure sensors to wirelessly operate shower pumps
- Status contacts on water/fluid level sensors in storage tanks to wirelessly operate visual indicators and/or suction pumps
- To convert any type of existing hardwired switches into Quinetic switches (very useful when switches from different makes or with particular finishes are in place)

### Kinetic RF Transmitter



### Kinetic Receiver



Intruder alarm



PLC System



Ambient thermostat



Surface thermostat



PIR Sensor



Photocell



Non-Quinetic switch



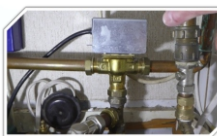
Flow/Pressure Sensor



Fluid level sensor



Lighting



3-Way valve



Solenoid valve



Well pump



Electric gate lock



Circulation pump



Shower pump



Immersion element



Electric gate motor



Visual indicators