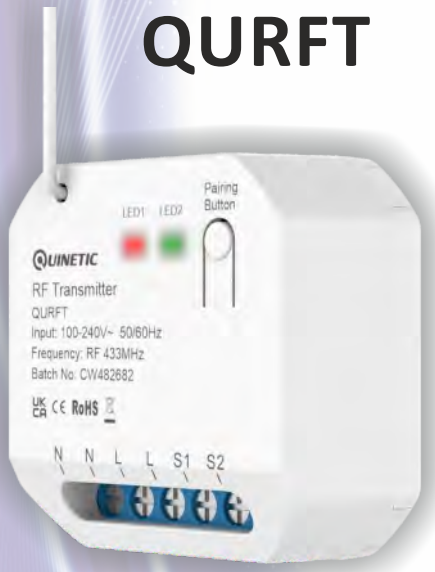
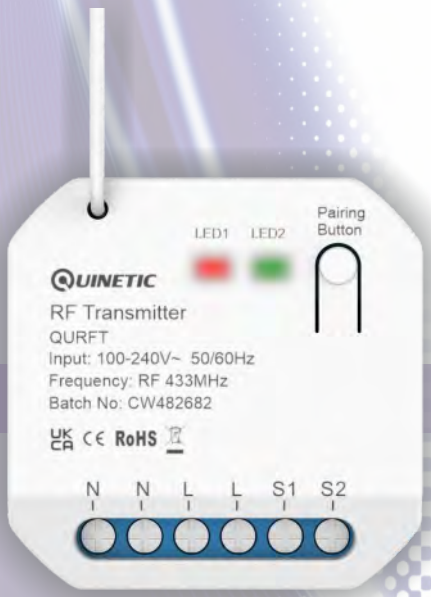
QURFT - Quinetic RF Transmitter

QURFT





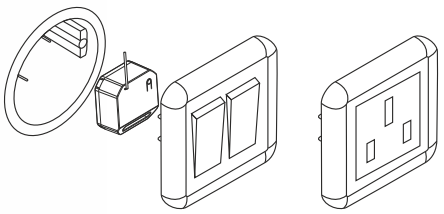
The Quinetic RF Transmitter is a device that sends an RF signal and wirelessly operates (ON/OFF) any Quinetic receiver whenever voltage is applied to it.

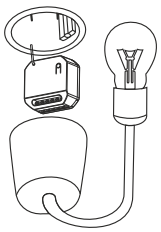
It is extremely useful in situations where the target load is connected to a different circuit in a different part of the building/site.

The transmitter has two independent channels and works like a Quinetic 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: QURFT
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 Quinetic 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 Quinetic receiver whenever voltage is applied to it
Working Environment Temperature: -20°C ~ +55°C
Product Size: L44xW44xH22mm
3 Year Warranty

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

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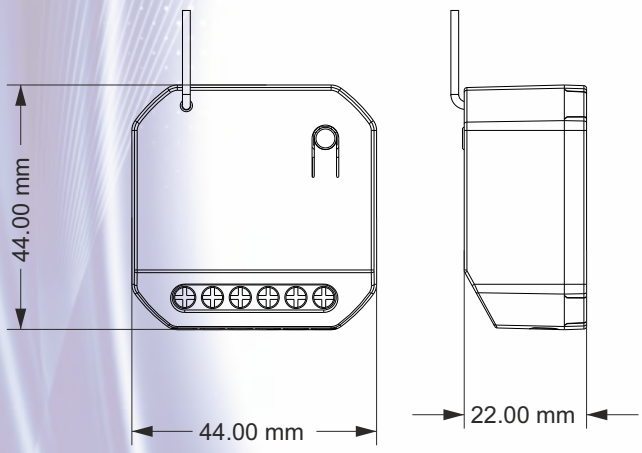
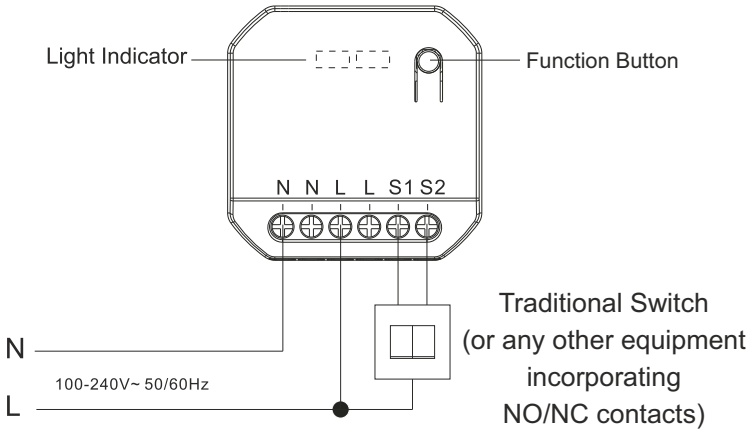
Dimensions:



Wiring Diagram & Terminals:



N: Neutral Input terminals
L: Live Input terminals
S1/S2: External Signal terminals
(supports only ON/OFF switching)

Applications:

The application sectors in which the Quinetic 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

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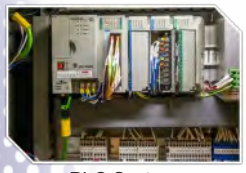
More Applications:

- 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)

Quinetic RF Transmitter

Quinetic Receiver


Intruder alarm


PLC System


Ambient thermostat


Surface thermostat


PIR Sensor


Photocell


Non-Quinetic switch


Flow/Pressure Sensor


Fluid level sensor


Lighting


Circulation pump


3-Way valve


Shower pump


Solenoid valve


Immersion element


Well pump


Electric gate motor


Electric gate lock


Visual indicators