

## TECHNICAL CHARACTERISTICS

### I-WAVE SWITCH / SENSO SWITCH- 2M

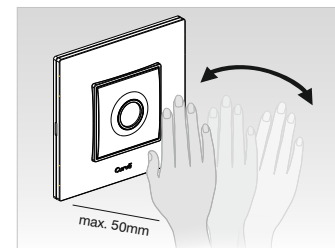
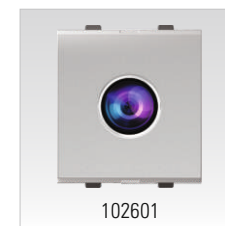
The i-Wave Switch/Senso Switch is an exciting new way to control light sources and other electrical appliances. Unlike other switches that need physical touch for operations, with the i-Wave Switch/Senso Switch, you simply have to pass your hand in front of the switch (distance max. 50mm) to turn it ON or OFF. The i-Wave switch/Senso Switch fits into your existing electrical box and does not require any additional wiring. It can also be used as a 2-Way or 3 way switch where it can be wired with more than one (max. 5) i-Wave Switches/Senso Switches to control the same electrical appliance. Smart assembly and snap-in systems ensures quick and easy installation while a soft-glow indicator on the device makes it easy to find it in the dark..

### TECHNICAL SPECIFICATIONS

- Rated voltage: 160-264V AC 50Hz
- Rated load Per Switch:
  - a) Resistive load (☼) Tungsten & Halogen lights: 1000 W
  - b) Capacitive load - LED and CFL (PF > 0.80): 100W
  - c) Inductive load (☺) Fan and Motor: 800W
- Power consumption in standby mode: 0.3W
- Humidity range: between 10-50 degree centigrade – 95% RH
- Service life: over 50,000 operations
- Suitable for mounting on inflammable surface ▽
- Impact protection: Ik02
- Class two appliance □
- Size: 2 Module

### SALIENT FEATURES

- Operates by simply passing the hand in front of the switch (distance max. 50 mm)
- Up to 5 i-Wave switches can be combined to control the same lighting circuit
- Designed with SMPS for improved reliability over current and over voltage protection.
- Provided with in-built surge protection.
- Relay based technology
- Equipped with indicator LED to indicate status of the switches and for convenience in the dark.
- Simple retrofit installation. Does not require any special wiring.



- 1) For LED loads, use SMPS based power supply with power factor above 0.80
- 2) Do not connect loads in series.
- 3) Use sine wave inverter only.

The diagram shows a light fixture with a bulb and a switch. The wiring is as follows:

- L (Line):** Connected to the top terminal of the light fixture and the top terminal of the switch.
- N (Neutral):** Connected to the bottom terminal of the light fixture and the bottom terminal of the switch.
- Ground:** Connected to the ground terminal of the light fixture and the ground terminal of the switch.

The switch is labeled "GF012201" and "CONTROLLABLE LOAD EACH SWITCH". It has a rating of "1000 W" and "120 V". It is also labeled "GF012201" and "CONTROLLABLE LOAD EACH SWITCH".

b) 2 way installation

GF012201  
102601

c) 5 way installation

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