

# Inbuilt HF Sensor

## ON-OFF Sensor

### PRODUCT DESCRIPTION

- Presence detector with 360° field of detection for ceiling mounting.
- Detection Range of up to 8m in the diameter.
- Parameters can be set by rotating knob.
- High performance relay for 300W LED Load.
- Compact size for Hidden Mounting.
- Factory setting for immediate operational readiness.



Item Number: **QRSR-HF-IBT-SQ**

### OPERATING ENVIRONMENT

Rated voltage	220-240V AC
Operating frequency	50/60Hz
Operating Temperature	-20°C...+50°C
Storage Temperature/humidity	Temperature: -40°C...+80°C; Humidity: 10%-95% (non-condensing)

### OUTPUT

Power Consumption	< 0.9W
Working Mode	ON/OFF function
Type of Load	LED, Inductive or resistive Load

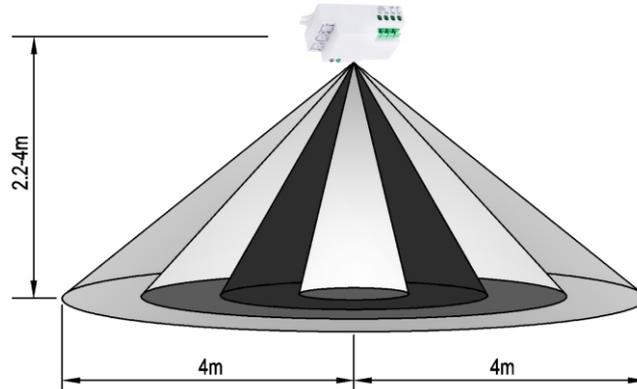
### SENSOR PARAMETERS

Load Capacity	300W@230Vac (LED Lights)
Technology	HF (High frequency)
Hold time	10Sec to 12Min
Lux Level	3LUX to 2000LUX
Detection range	25% to 100% (adjustable)
Type of contact	Non floating
Slave Input	No
Detecting Area (Dia.)	~ 8m (mount height 2.2m, moving speed 1m/s)
Operation	Fully automatic
Mounting height	4m Max
Detecting Angle	360°

### OTHERS

Wiring	Screw-type terminal block; I/P / O/P wire dia: 0.75-1.5mm <sup>2</sup>
IP Rating	IP20
Protection Class	Class II
Installation	Recessed Mount
Dimension	Dia. 76mm, Depth 75.6mm Cutout required 65mm
Net Weight	100g
Material	UV stabilized PC

## FIELD OF DETECTION



## CIRCUIT DIAGRAM

