

Datasheet

RS Pro MWS1A Microwave Ceiling Microwave Detector, Maximum of 50Hz

RS Stock No: **796-2071**



Product Details

RS Pro microwave ceiling microwave detector is designed to provide automatic control of lighting, heating or ventilation loads. The switch detects movement using a highly sensitive microwave detector. This works by emitting low power microwave signals and measuring the reflections as the signals bounce off moving objects. The microwave presence detector is optimised for ceiling mounting applications to give detection over long distances. When movement is detected the load is turned on. When an area is no longer occupied the load will switch off after an adjustable time out period. The internal light sensor provides additional energy saving in lighting applications. When an area is occupied lighting is only switched on when the level of natural light is below a preset level. The /IP variant of these products is sealed to IP66. It operates at a temperature rating of -10 to +35°C and frequency of 50 Hz.

Features and Benefits

- Microwave sensor detects movement
- Receives commands from an IR handset
- Light level sensor measures light level
- Presence detection

**Specifications:**

Dimensions	86 x 45.5 x 86 mm
Height	86 mm
Length	86 mm
Maximum Frequency	50 Hz
Maximum Operating Temperature	+35°C
Minimum Operating Temperature	-10°C
Power Source	Mains
Radiation Type	Microwave
Weight	0.1 kg
Width	45.5 mm
Detection Range	Maximum of 30 m
Voltage Rating	230 V ac