

Datasheet

RS Wall PIR Switch

Stock Number: 279-8591



The SPIR-F series of presence detector switches are designed to provide automatic control of lighting, heating or ventilation loads. They detect movement using a PIR sensor and turn the load on. When an area is no longer occupied the load will switch off after an adjustable time out period. An optional internal light sensor provides additional energy saving in lighting applications (SPIR-LSF). When an area is occupied lighting is only switched on when the level of natural light is below a pre-set level. When the unit is first powered up the PIR sensor will always detect immediately regardless of whether the room is occupied. A selectable power up delay allows the installer to choose whether the load comes on immediately when the unit is powered up or is kept off for a small time (about 40 seconds) to allow the sensor to settle.

LOAD

16 Amp resistive load

10 Amp incandescent lighting

6 Amp fluorescent lighting

3 Amp compact fluorescent lighting

3 Amp low energy lighting

3 Amp low voltage lighting (switch primary of transformer) Fluorescent lighting (max 6 fittings recommended) For fluorescent lighting total power factor correction capacitance must not exceed 40 μ F.

3 Amp fans and ventilation equipment Switch SON lighting loads via a contactor

SUPPLY VOLTAGE 220-240 Volts AC 50 Hz

TIME OUT PERIOD Adjustable 10 seconds to 60 minutes in two ranges

LIGHT LEVEL Optional adjustment by thumbwheel light to dark.

FIXING METHOD Surface fixing 25mm deep plastic surface mount moulded box. Flush fixing 25mm steel wall box or 32mm deep cavity wall box.

TERMINAL CAPACITY 4.0mm²

MATERIAL Flame retardant ABS TYPE Class 2

TEMPERATURE -10°C to 35°C

CONFORMITY EMC-2004/108/EC LVD-2006/95/EC



