

# Sirius local switch module (LSM)

For when you need a simple piece of kit to offer 1 Way Manual Switching, 2 Way Manual Switching or Presence Detection with the optional daylight hold off feature. All our switch modules are pre-wired and commissioned to eliminate any chance of wiring faults and can be changed or re-positioned without major disruption on site.



## Features

- 4 Pole
- One channel
- 1-Way Manual Switching or Presence Detection
- Optional Daylight Hold Off when used with PIR
- 230v Switching
- 1 luminaire output
- No commissioning required
- Lightweight Flame Retardant ABS Casing
- 100% factory tested

## Sirius standard switching configurations

### Switching options available are:

- Manual Switching via a 1-way 230v wall switch
- Presence detection via a 230v PIR
- Presence detection as above with Daylight Hold Off (all lights)

### Each LSM has four 4 Pole ports assigned as follows:

- 1x Unswitched in for the power in feed
- 1x Unswitched out to enable other modules to be connected to the same circuit
- 1x Switch port for a 230v wall switch or a 230v PIR
- 1x Luminaire output

## Technical Data

All 230v Switch Modules require a 4 core (live, neutral, earth and permanent live) feed to enable the module to function correctly.

- Each 230v 1-Way Switch Module has been provided with a port for the incoming unswitched feed and a port for the outgoing switched feed to the luminaires. Ports are also provided for both the outgoing unswitched feed so additional modules can be attached to the same circuit and for the connection to the 230v 1-way wall switch or 230v PIR. Wieland GST 18i 4 Pole plugs are required to connect to these ports
- Each 230v 2-Way Switch Module has been provided with a port for the incoming unswitched feed and a port for the outgoing switched feed to the luminaires. Ports are also provided for two 230v wall switch drops. There is no facility for an unswitched feed to allow further modules to be attached to the same circuit. Wieland GST 18i 4 Pole plugs are required to connect to these ports
- When using a 1-Way Switch Module with multiple PIRs a 230v 3-Way Circuit Splitter Module should be used to provide the additional ports needed
- When using a 2-way Switch Module with 3 or more switch points additional wall switches can be installed using a 230v Intermediate Switched T Piece
- If used the wall switch for a 230v Switch Drop must be a positive action switch
- The emergency test may take place at the distribution boards or via a local key switched T piece – there is no built in facility for testing the emergency live

Supply voltage:	230 Volts AC +10%/-6% 50Hz
Current Rating:	16Amp
Relay Rating:	See the 230v PIR Data Sheet (available on request)
IP Rating:	IP2X
Connection:	Via Wieland GST 18i 4 pole female, male locking/latching type, complying with the requirements of BS EN 61535 : 2009

Operating temperatures: -5°C to 35°C

Sirius casings are manufactured from flame retardant ABS.

All SIRIUS units are 100% factory tested. To ensure traceability all Sirius units are labelled with the date of testing and a unique serial number both of which are also recorded electronically.

Code	Description
P690803000.0	4 Pole Local Switch Module (Plastic) (1.5mm <sup>2</sup> ) (Wall Switch or Presence)
P690804000.0	4 Pole 2 Way Switch Module (Plastic) (1.5mm <sup>2</sup> )