

SIENNA® SM1B

Sensor for motion / occupancy detectors

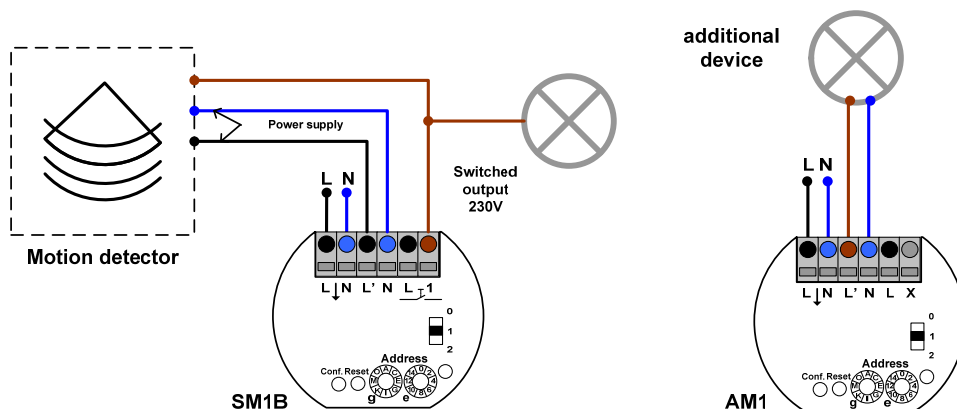
The **SIENNA®** elements form a bus system consisting of sensors and actors which use the in-house powerlines as a communication bus.

The **SIENNA® SM1B** sensor has one 230V input which can be directly controlled by the 230V output from a detector. The connectors L' and N are bridged to L and N respectively and can be used to provide power to the detector.

The **SIENNA® SM1L** sensor is commonly used together with the actuators **AM1 / SAM1L**. Continuous ON / OFF can be activated using additional sensors (**SM1L, SM1, SAM1L**).



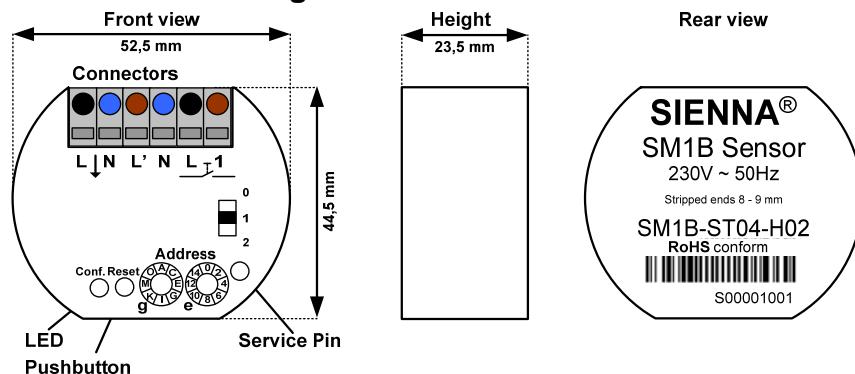
Wiring plan: Controlling a remote device



Technical Data:

- Technology:** Powerline communication in the B/C-Band (5kb/s) compliant with FCC, CENELEC EN50065-1 and LONWORKS® protocol.
- Power:** 230V~/50Hz, Power consumption 0.5W..1.5W via the L, N connectors.
- Interface:** One PLC interface via the L, N connectors as defined by the LONWORKS® protocol.
- Input:** One digital 230V input (L, 1) for connecting to detectors.
- Processor:**..... Neuron processor integrated in the Powerline Smart Transceiver PL 3120.
- Connectors:** 2 x 0,08 - 1.5mm² (L, N) combined as voltage feed and PLC interface.
2 x 0,08 - 1.5mm² (L, 1) for input to a detector.
2 x 0,08 - 1.5mm² (L', N) for extending L and N (power feed for detector).
- Operating Temperature:**..... -25°C to +70°C
- Safety Compliance:** CE, EN60669, EN50065-1

Dimension Drawing:



Product name: SM1B-ST04-H02
EAN number: 4260194732101