

SIENNA® SM1L

Sensor with one 230V input

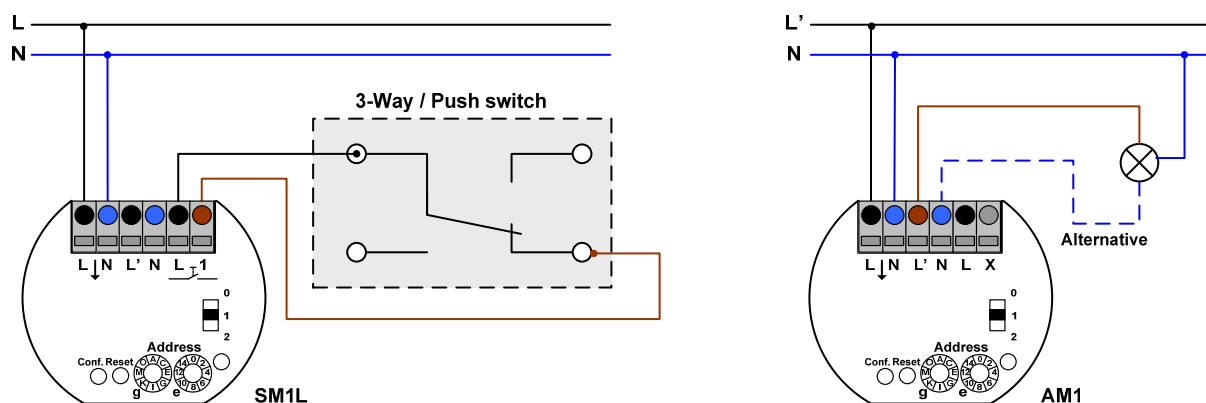
The **SIENNA®** elements form a bus system consisting of sensors and actors which use the in-house powerlines as a communication bus.

The **SIENNA® SM1L** sensor has one 230V input. The input can be connected to a light switch (push switch = 0, On/Off = 1, 3-way = 2) or other switching elements (e.g. motion detector, thermostat etc.). The connectors L' and N allow the extension of L and N respectively and provide additional flexibility during wiring.

The **SIENNA® SM1L** sensor is commonly used together with the actuators **AM1 / SAM1L / AMDR**.



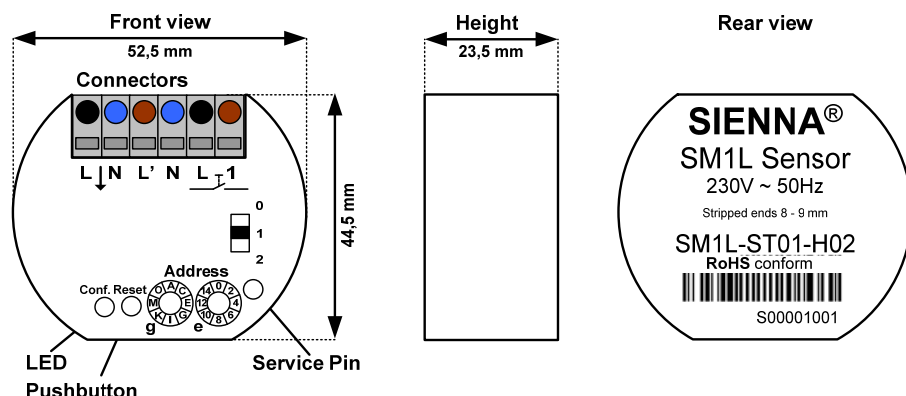
Wiring plan: Controlling a remote device



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 On/Off, 3-way or push switch, a relay or to motion detectors. 230V~/50Hz input can also be used for illuminated switches.
- 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 light switch, a relay or a motion detector.
2 x 0,08 - 1.5mm² (L', N) for extending L and N.
- Operating Temperature:**..... -25°C to +70°C
- Safety Compliance:** CE, EN60669, EN50065-1

Dimension Drawing:



Product name: SM1L-ST01-H02
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