

SIENNA® SAM1L

Combined sensor / actuator

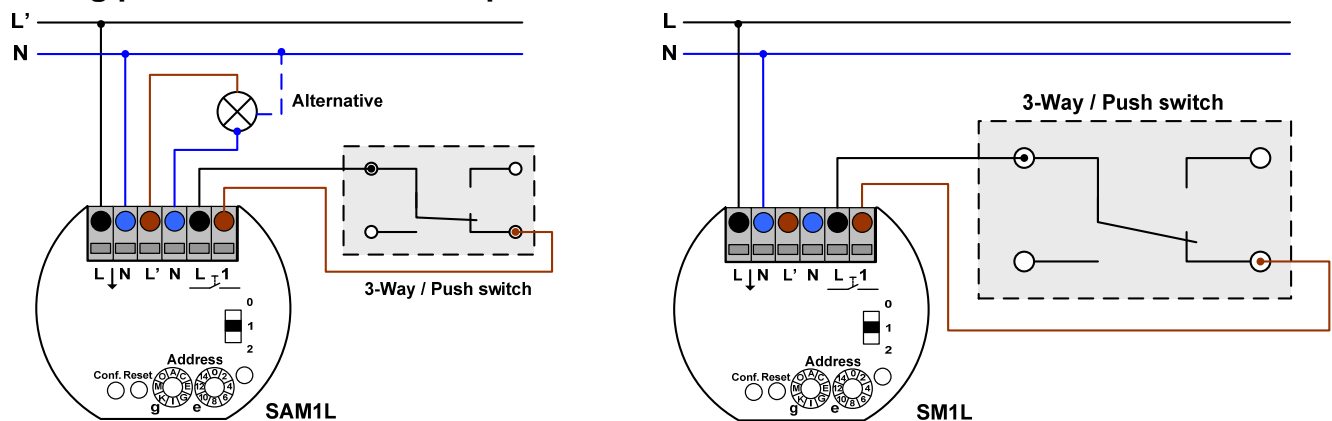
The **SIENNA®** elements form a bus system consisting of sensors and actors which use the in-house powerlines as a communication bus.

The **SIENNA® SAM1L** combines the SM1L sensor and AM1 actuator. 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 output switches loads up to 10A via a relay.

The **SIENNA® SAM1L** sensor/actuator is commonly used with **SM1L** or **SM1** sensors.



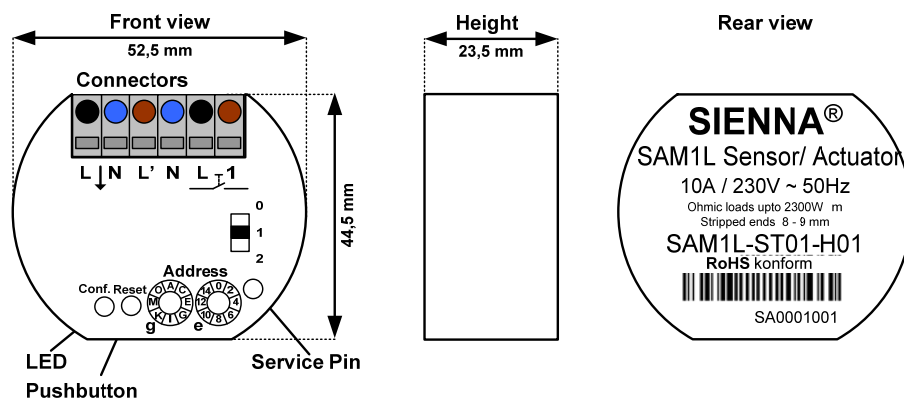
Wiring plan: Additional control point for a device



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.
- Input:** One digital 230V input (L, 1) for connecting to On/Off, 3-way or push switch, a relay or to a motion detector. 230V~/50Hz input can also be used for illuminated switches.
- Output:** L', N connected to electrical device: One single-pole relay rated at 10A to switch L'.
- 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 connecting to the electrical device.
- Operating Temperature:**..... -25°C to +70°C
- Safety Compliance:** CE, EN60669, EN50065-1

Dimension Drawing:



Product name: SAM1L-ST01-H01
EAN number: 4260194734006