

SIENNA® SAMDR Combined sensor and dim-actuator

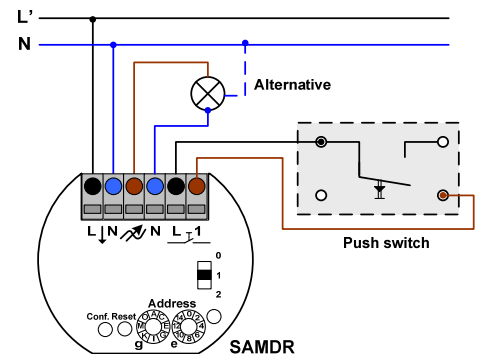
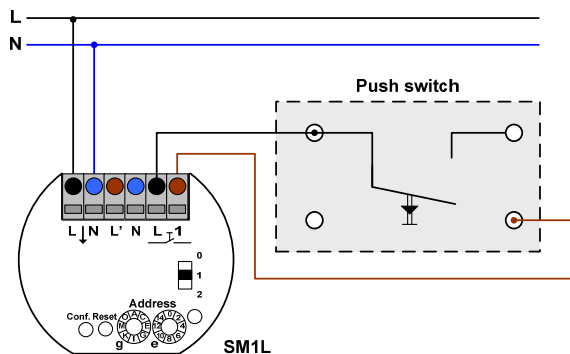
The **SIENNA®** elements form a bus system consisting of sensors and actuators which use the in-house powerlines as a communication bus.

The **SIENNA® SAMDR** combines the **SM1L** sensor and **AMDR/AMDU** actuator. The input can be connected to a push switch. It has one triac controlled output for resistive loads up to 300W. With universal electronic transformers, it can be used up to 150W. In overload conditions, the actuator switches off for 60 seconds.

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



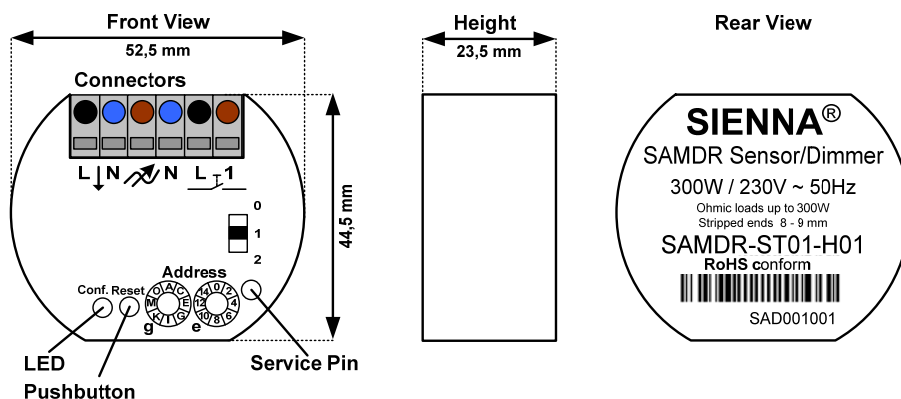
Wiring plan: Dimmer control



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 push switch. 230V~/50Hz input can also be used for illuminated switches.
- Output:** , N connected to electrical device: One triac rated output dimming L' for resistive loads up to 300W and universal electronic transformers up to 150W.
- Processor:**..... Neuron processor integrated in 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 (, N) for connecting to the electrical device.
2 x 0,08 - 1.5mm² (L, 1) for input to a push switch.
- Operating Temperature:**..... -25°C to +70°C
- Safety Compliance:** CE, EN60669, EN50065-1

Dimension Drawing:



Product name: SAMDR-ST01-H01
EAN number: 4260194734037