

## SIENNA® SM1 Sensor with 1 digital input (internal 5V)

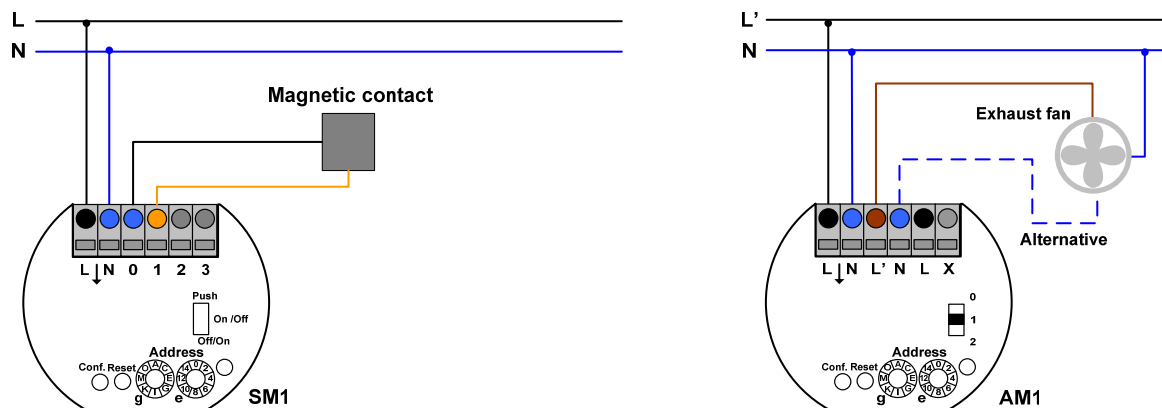
The **SIENNA®** elements form a bus system consisting of sensors and actors which use the in-house powerlines as a communication bus.

The **SIENNA®** sensors can be combined with all commercially available flush-mounted switches and bring intelligence to any standard electrical installation. The **SIENNA® SM1** sensor has one 5V input which can be connected to a switch (On/Off) or a push switch (dimmers & motors). Connection to magnetic contacts or 0,08mm<sup>2</sup> cables is possible due to the internal 5V contact.

The **SIENNA® SM1** sensor is commonly used with **AM1** or **AMDR/AMDU** actuator.



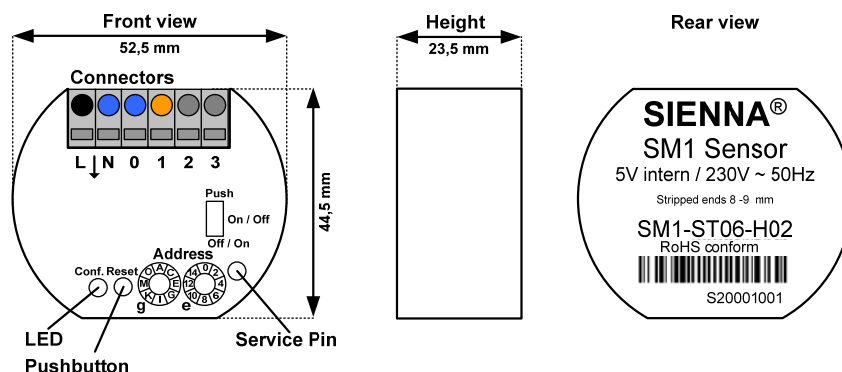
### Wiring plan: Controlling exhaust fans via magnetic window contact



### 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 binary input (0, 1) for connecting to On/Off, or push switches. Internal 5V potential allows for 0,08mm<sup>2</sup> cables. Max. cable length to switch: 10m.
- Processor:**..... Neuron processor integrated in the Powerline Smart Transceiver PL 3120.
- Connectors:** ..... 2 x 0,08 - 1.5mm<sup>2</sup> (L, N) combined as voltage feed and PLC interface.  
2 x 0,08 - 1.5mm<sup>2</sup> (0, 1) internal 5V potential to a switch, push switch or magnetic contact.
- Operating Temperature:**..... -25°C to +70°C
- Safety Compliance:** ..... CE, EN60669, EN50065-1

### Dimension Drawing:



**Product name: SM1-ST06-H02**  
**EAN number: 4260194732002**