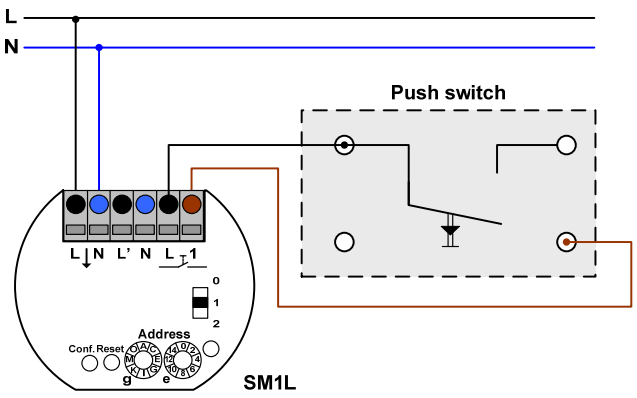
SIENNA® AMDR — Dim-Actuator for resistive loads

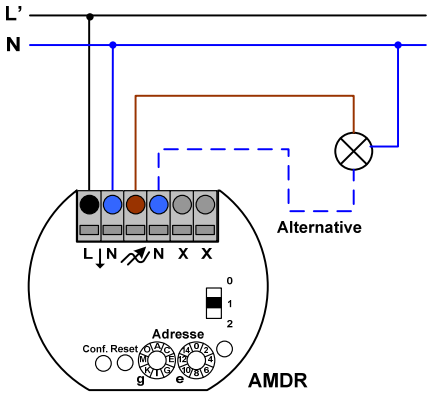
The **SIENNA®** elements form a bus system consisting of sensors and actors which use the in-house powerlines as a communication bus.

The **SIENNA® AMDR** actuator can either be directly attached to an electrical device or flush-mounted behind a power outlet. It is designed to dim and/or switch incandescent lamps and conventional transformers. The **SIENNA® AMDR** has one triac-switched output for electrical devices up to 300W. Load of 150W can be used with electronic transformers. In overload conditions, the actuator switches off automatically and is operational after a cooling interval.

The **SIENNA® AMDR** actuator is commonly used in combination with the sensor **SM1L**.

Wiring plan: Dimmer control

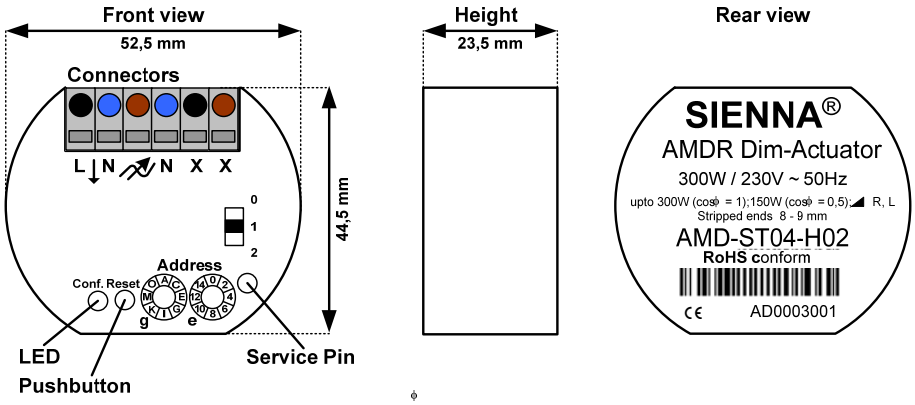




Technical Data:

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.
Interface:	One PLC interface via the L, N connectors as defined by the LONWORKS® protocol.
Output:	L', N connected to electrical device; One triac rated output up to 300W dimming 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 (⏦, N) for connecting to the electrical device.
Operating Temperature:	-25°C to +70°C
Safety Compliance:	CE, EN60669, EN50065-1

Dimension Drawing:



Product name: AMD-ST01-H01
EAN number: 4260194730084