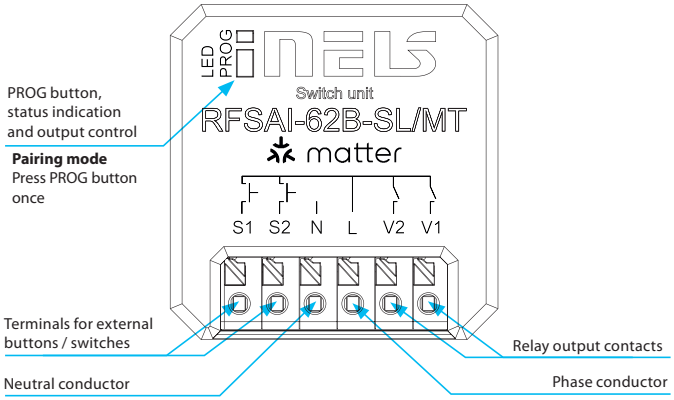
RFSAI-62B-SL/MT | Switch unit with inputs for external buttons MATTER

EAN code:
RFSAI-62B-SL/MT: 8595188189750

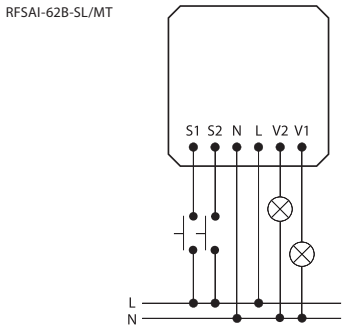
Technical parameters	RFSAI-62B-SL/MT
Supply voltage:	230 V AC
Supply voltage frequency:	50-60 Hz
Apparent input:	7 VA / cos φ = 0.1
Dissipated power:	0.7 W
Supply voltage tolerance:	+10 %; -15 %
Output	
Number of contacts:	2x switching
Rated current:	8 A / AC1 (in total)
Switching power:	2000 VA / AC1
Peak current:	10 A / <3 s
Switching voltage:	250 V AC1
Mechanical service life:	10 mill.
Electrical service life (AC1):	100 thousand
Control	
Application protocol:	Matter
Communication protocol:	THREAD
Method of signal transmission	MESH
Frequency:	2.4 GHz
Manual control:	button PROG (ON/OFF)
External button / switch:	yes, opposite the L terminal
Range:	in open space up to 200 m
Other data	
Operating temperature:	-15 to + 50 °C
Operating position:	any
Mounting:	free at lead-in wires
Protection:	IP40
Overvoltage category:	III.
Contamination degree:	2
Connection:	screwless terminals
Connecting conductor:	0.2-1.5 mm² solid/fl exible
Dimensions:	43 x 44 x 22 mm
Weight:	36 g
Related standards:	EN 60730, EN 63044, EN 301489, EN 300328

- The switching element with two output relays can be used to control some appliances and lights.
- The Thread protocol guarantees compatibility with other products with the Matter support.
- The wireless controllers (RFGB-40/MT) and also the existing wired switches/pushbuttons can be used for control.
- The BOX-SL design offers installation directly in the junction box, soffit or cover of the controlled appliance. Easy connection of wires thanks to the screw-free terminals.
- The applicable reach is up to 200m (in free area).
- The maximum switched power is 2000W (8A), the relay contact material AgSnO2 + Zero Cross predestines it for switching of lighting loads.
- The reset pushbutton on the element can also be used as manual control of the input.
- The element with the controller can be paired through a border router supporting Matter and through an application supporting Matter. The border router is understood as equipment such as HomePod Mini, Google Nest Hub or Samsung SmartThings Station.

Device description



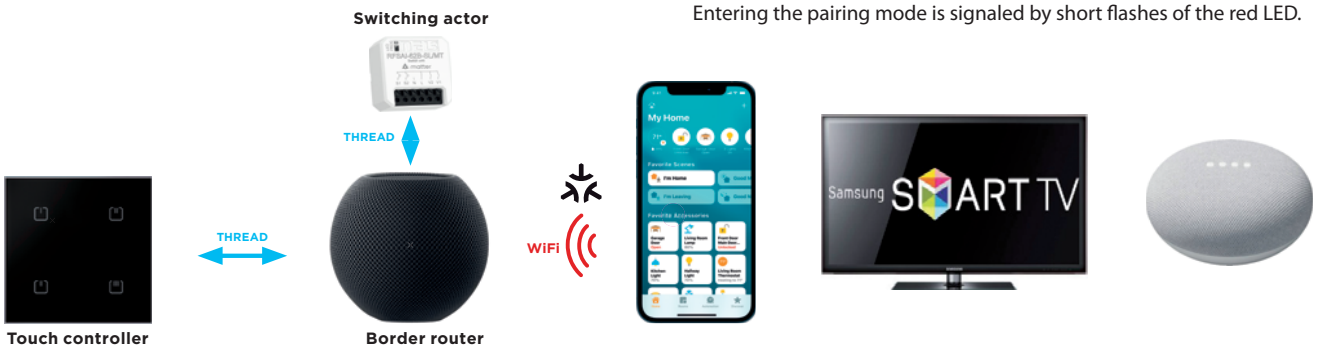
Connection



Device pairing

Before pairing a Matter device using a Matter QR code or numerical code, the device must be put into pairing mode.

To enter **pairing mode**, press the PROG button once.

To pair an already configured device, it needs to be reset to **factory settings**. This is done by pressing and holding the PROG button for more than 10 seconds.

Entering the pairing mode is signaled by short flashes of the red LED.