



EAN code:
RFDEL-71B-SL: 8595188189552

Technical parameters	RFDEL-71B-SL/MT
Supply voltage:	230 V AC / 50 Hz
Supply voltage frequency:	50-60 Hz
Apparent power:	5 VA / $\cos \varphi = 0.1$
Dissipated power:	0.5 W
Supply voltage tolerance:	+10/-15 %
Connection:	4-wire, with "NEUTRAL"
Output	
Dimmed load:	R, L, C, LED, ESL
Contactless:	2 x MOSFET
Load capacity:*	max. 300 W*
Control	
Application protocol:	Matter
Communication protocol:	THREAD
Signal transmission method:	MESH
Frequency:	2.4 GHz
Maximum EIRP:	< 14 dBm
Range:	up to 200 m
Manual control:	button PROG (ON/OFF)
External button / switch:	yes
Other data	
Operating temperature:	-15 to +45 °C
Working 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 mm ² solid/flexible
Dimensions:	43 x 44 x 22 mm
Weight:	30 g
Related standards:	EN 60730, EN 63044, EN 301489-1, 301489-17, EN 300328

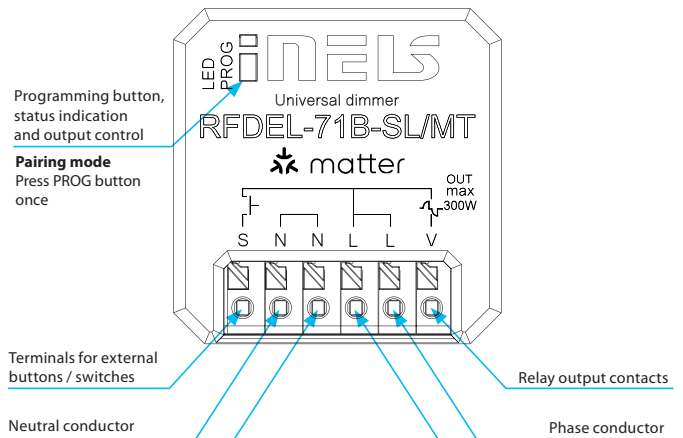
The given value is for load R, see table p. 70

Types of connectable loads

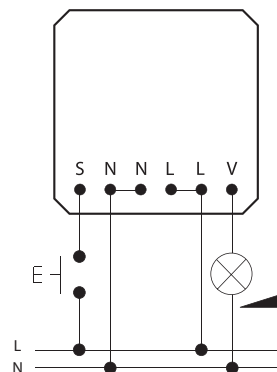
R resistive	L inductive	C capacitive	ESL light bulbs	LED light bulbs

- Universal built-in dimmer is used to regulate light sources:
R – classic light bulbs,
L – halogen bulbs with wound transformer,
C – halogen bulbs with electronic transformer,
ESL – dimmable energy saving lamps,
LED – LED light sources (230 V).
- The Thread protocol guarantees compatibility with other products with the Matter support.
- Control input "S" for connection of the existing wired pushbutton.
- The programming pushbutton on the element can also be used as manual control of the output.
- The applicable reach is up to 200m (in free area).
- The BOX design offers installation directly in the junction box, soffit or cover of the light fitting.
- 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.