

Datasheet

Nano Relay Air US

Part No: 100426



About the product

With built-in wireless technology, the Loxone Nano Relay Air quickly and easily allows you to replace any existing light switch – ideal for retrofitting. With one powerful relay with 16A, you can automate and control your lighting, blinds, music and more.

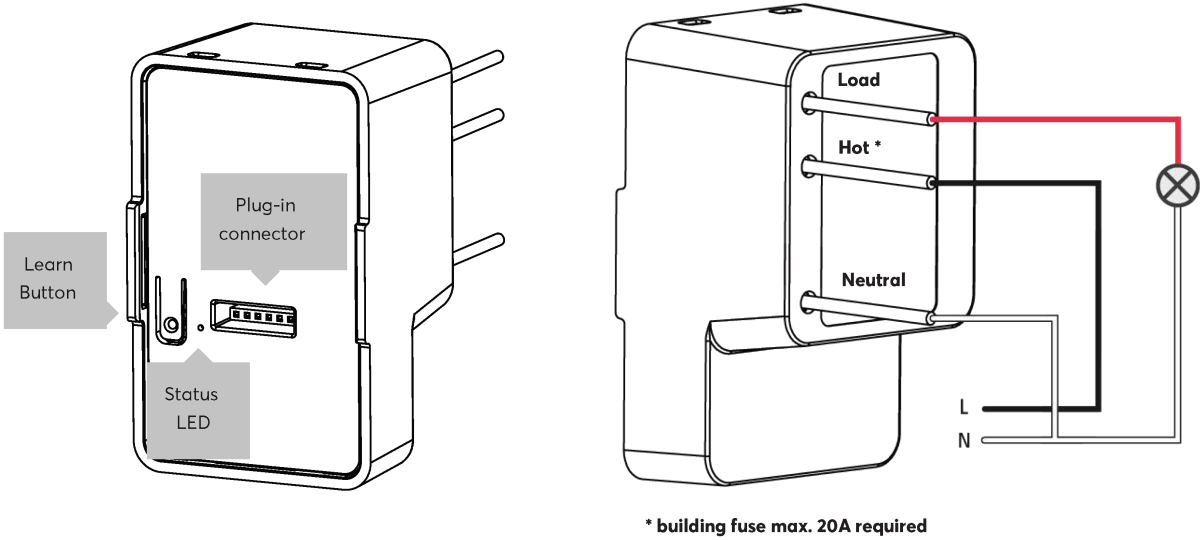
Technical data

Power supply	110VAC ... 230VAC, 50/60Hz
Standby power consumption	typ. 0.5W; max. 1.5W
Outputs	1 output (switching supply voltage), bistable 16A AC cosφ=1
Interface	Loxone Air: 868MHz (SRD Band Europe), 4 channels available max. Power 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels available max. Power 13.2mW
Power loss at max. load	max. 4W
Ambient temperature	0 ... 50°C / 32 ... 122°F
Humidity	max. 90% r.H. (non condensing)

Connections

	Connection Cables	Lever Connectors
Wire cross-section	1.5mm ² / AWG15	1.5 ... 4mm ² / AWG15 ... AWG12
Stripping length	11mm / 0.43"	11mm / 0.43"
Temperature resistance	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL	max. 85°C / 185°F
Wire length	125 mm / 4.92"	-

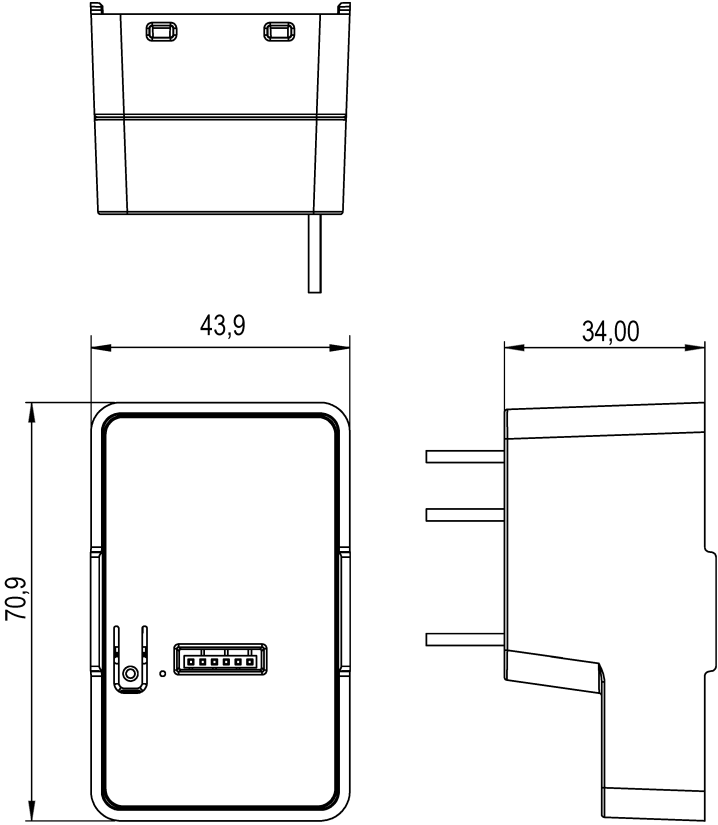
Connection diagram



Product features

Mounting type	Installation box or additonal enclosure
Cable fixing method	with attached clamps
Colours	Green RAL6018
Finish	Matte

Weight & dimensions

Net weight	76g
Total weight	116g
Product dimensions	71x44x36mm / 2.8x1.73x1.42" (LxWxH)
	 Technical drawings of the device showing top, front, and side views with dimensions: - Top view: 43,9 mm - Front view: 70,9 mm - Side view: 34,00 mm
Pack size	115x85x50mm / 4.53x3.35x1.97" (LxWxH)

Certifications & Standards

Safety rating	IP20
Operation	Type 1 / Class A (IEC 60730-1, UL 60730-1)
Rated impulse voltage for digital output	2.5kV (EN60730-1, max. Altitude 2000m)
Degree of pollution	2
Certification	UL60730-1 IEC60730-1 RECOGNIZED COMPONENT  Intertek

Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

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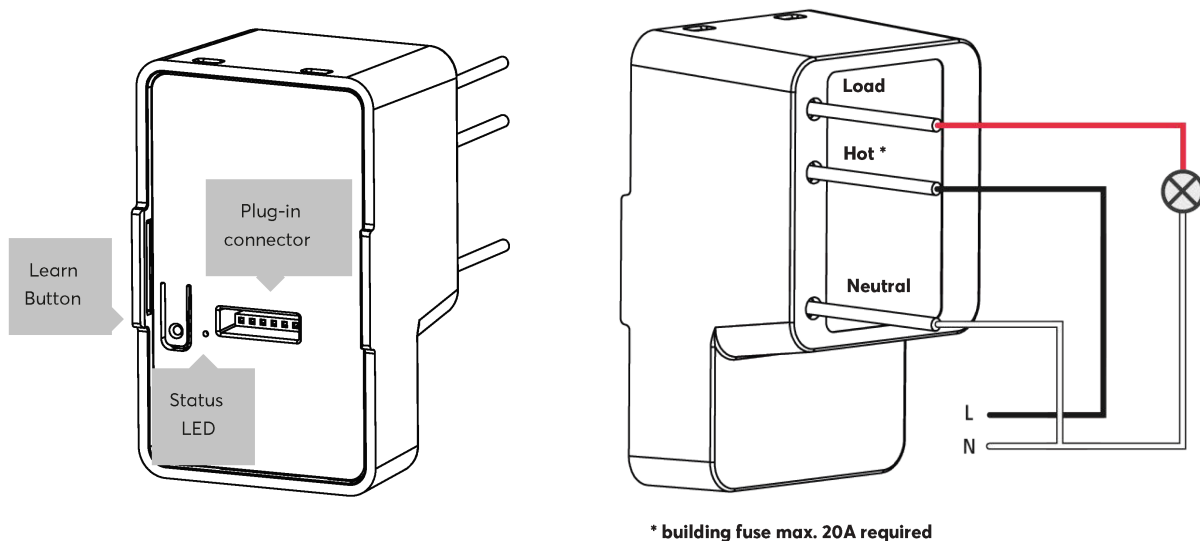
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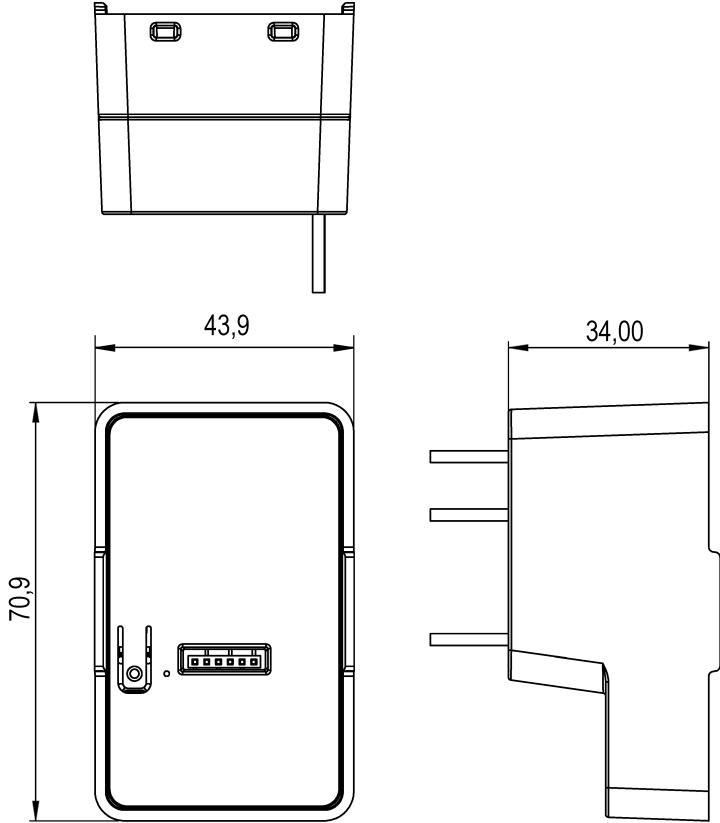
Anschlussplan



Produkteigenschaften

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Gewicht & Abmessungen

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