

## Datasheet

### Nano Relay Air

Part No: 100426



#### About the product

The LOXONE Nano Relay Air features a latching relay output, for installation in an electrical switch/outlet box. The Touch for Nano is an optional plug-on keypad. The unit is controlled via the LOXONE Air wireless technology.

#### Features:

- Suitable for lighting, fans and much more

#### Technical details:

- Power Supply: 110VAC ... 230VAC, 50/60Hz
- Outputs: 1 output (switching supply voltage), bistable 16A AC cos = 1
- Product dimensions: 71x44x36mm / 2.8x1.73x1.42" (LxWxH)

#### Electrical Specifications

Supply voltage	110 ... 230 VAC, 50/60 Hz
Power loss	max. 4 W
Standby power consumption	typ. 0.5 W, max. 1.5 W
Max. inrush current	24 A

#### Outputs

Relay (1)	bistable, switching supply voltage 16 AAC cos = 1
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#### Interfaces

LOXONE Air	915 MHz (ISM Band Region 2), 10 channels, max. 13.2 mW internal antenna
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## Ambient Conditions

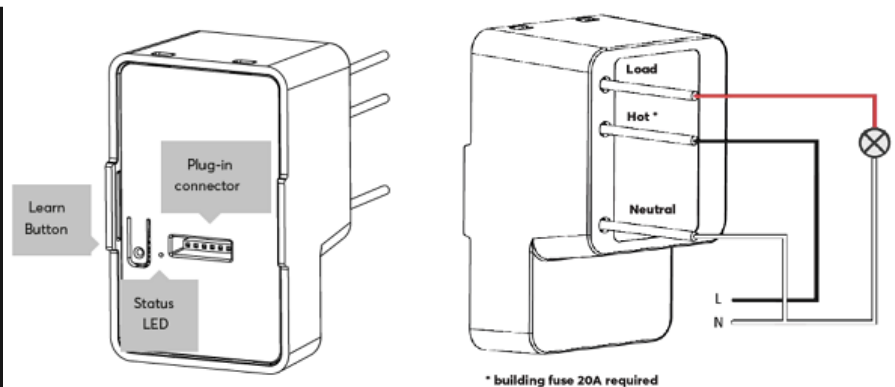
Temperature	0 ... 50 °C / 32 ... 122 °F
Humidity	max. 90 % RH (non-condensing)
Ingress protection	IP20

## Connections

Wire cross-section	Connection cables	Lever connectors
	1.5 mm <sup>2</sup> / AWG 15	1.5 ... 4 mm <sup>2</sup> / AWG 15 ... 12
Stripping length	11 mm / 0.43"	11 mm / 0.43"
Temperature resistance	min. 80 °C / 176 °F for IEC, min. 75 °C / 167 °F for UL	max. 85 °C / 185 °F
Length	125 mm / 4.92"	-

## Connection Diagram

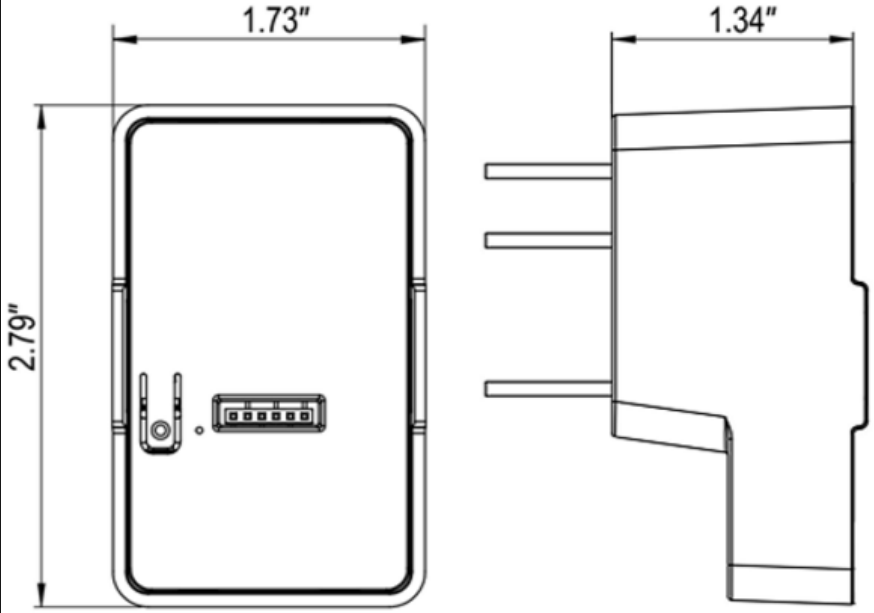
Connection Diagram





## Product Characteristics

Mounting type	Installation box or additional enclosure
Connection method	with enclosed lever connectors
Colours	Green: RAL 6018
Finish	Matte

## Weight & Dimensions

Net weight	76 g
Total weight	116 g
Product dimensions	2.79 x 1.73 x 1.34" (L x W x H)
Product dimensions drawing	
Pack size	2.79 x 1.73 x 1.34" (L x W x H)

## Certifications & Standards

Operation	Type 1 / Class A (IEC 60730-1, UL 60730-1)
Rated impulse voltage for digital output	2.5 kV (EN 60730-1, max. altitude 2 000 m)
Degree of pollution	2
Standards	UL 60730-1 IEC 60730-1
Certifications	 

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

Published by

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# Datenblatt

## Nano Relay Air

Part No: 100426



### Über das Produkt

#### Elektrische Spezifikationen

Versorgungsspannung	110 ... 230 VAC, 50/60 Hz
Verlustleistung	max. 4 W
Stromverbrauch im Standby-Betrieb	typ. 0,05 W, max. 0,1 W
Max. Einschaltstrom	24 A

#### Ausgänge

Relais (1)	bistabil, Schaltversorgungsspannung 16 AAC cos = 1
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#### Schnittstellen

LOXONE Air	915 MHz (ISM Band Region 2), 10 Kanäle, max. 13,2 mW interne Antenne
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#### Umgebungsbedingungen

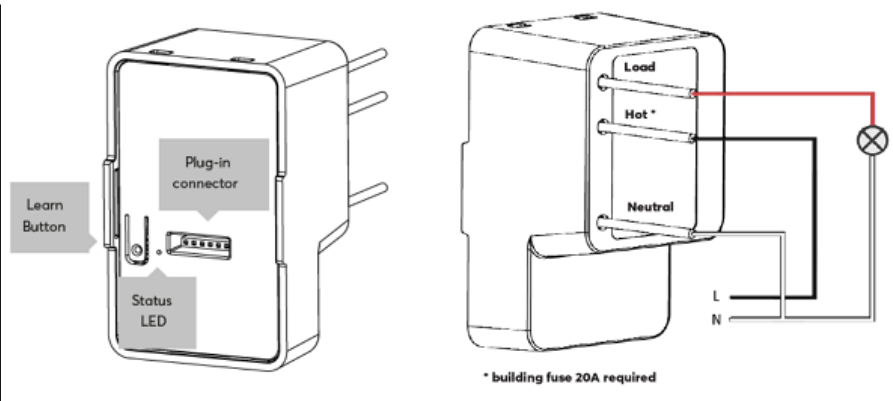
Temperatur	0 ... 50 °C / 32 ... 122 °F
Luftfeuchtigkeit	max. 90 % r. F. (nicht kondensierend)
Schutzart	IP20

## Anschlüsse

Leiterquerschnitt	<b>Connection cables</b>	<b>Lever connectors</b>
	1,5 mm <sup>2</sup> / AWG 15	1,5 ... 4 mm <sup>2</sup> / AWG 15 ... 12
Abisolierlänge	11 mm / 0,43"	11 mm / 0,43"
Temperaturbeständigkeit	min. 80 °C / 176 °F für IEC, min. 75 °C / 167 °F für UL	max. 85 °C / 185 °F
Länge	125 mm / 4,92"	-

## Anschlussplan

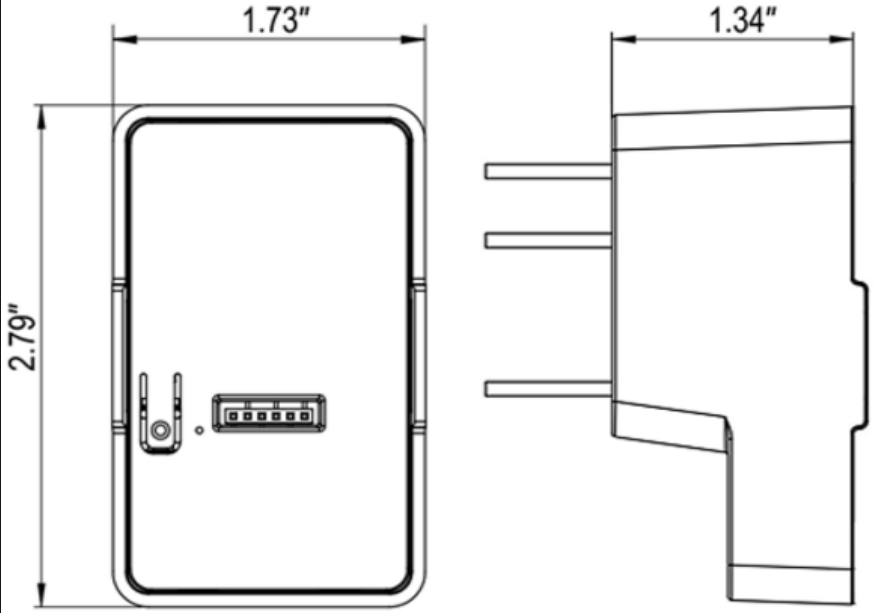
Anschlussplan





## Produkteigenschaften

Montageart	Installationsdose oder zusätzliches Gehäuse
specification_name.connection_method	With enclosed lever connectors
Farbe	Grün: RAL 6018
Glanzgrad	Matt

## Gewicht & Abmessungen

Nettogewicht	76 g
Bruttogewicht	116 g
Produktmaße	2,79 x 1,73 x 1,34" (L x B x H)
Produktmaßzeichnung	
Packmaß	2,79 x 1,73 x 1,34" (L x B x H)

## Zertifizierungen & Standards

Einsatzgebiet	Type 1 / Class A (IEC 60730-1, UL 60730-1)
Bemessungsspannung der digitalen Ausgänge	2,5 kV (EN 60730-1, max. Höhe 2 000 m)
Verschmutzungsgrad	2
Normen	UL 60730-1 IEC 60730-1
Zertifizierungen	  RECOMMENDED COMPONENT Intertek

Die Installation muss von einer qualifizierten Elektrofachkraft gemäß den einschlägigen Vorschriften durchgeführt werden.

## Veröffentlicht von

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