

Datasheet

Nano Dimmer Air

Part No: 100499



About the product

The Nano Dimmer Air integrates conventional lighting fixtures, such as LED lamps, incandescent bulbs and more into the Loxone ecosystem. Thereby they can become part of lighting moods, alarm lights, all-off-scenes and much more. The optional plug-on module Touch for Nano enables a variety of further control options in the Loxone system.

Features:

- Freely programmable dimmable output
- expandable with Touch for Nano via plug-in connector

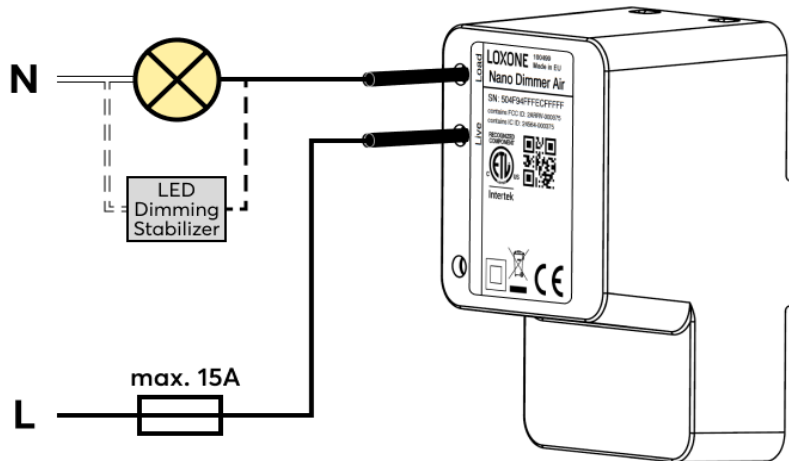
Technical Data

Mains voltage	120VAC +-10% / 60Hz +-1Hz
Power consumption	typ. 0.2W
Power loss	max. 4W
Output	<p>dimmable output (phase cut, trailing edge)</p> <p>resistive load: max. 150W capacitive load: max. 200VA</p>
Loxone Air Interface Frequencies & Channels	<p>915MHz (ISM Band Region 2), 10 channels, max. 13.2mW 868MHz (SRD Band Europe), 4 channels, max. 15.1mW e.r.p. internal antenna</p>
Ambient temperature	0 ... 35°C / 32 ... 95°F
Humidity	max. 90% r.H. (non condensing)
Ingress protection	IP20
Elevation	max. 2000m / 6560ft above sea level

Connections

	Connection cables	Lever connectors
Wire cross-section	1.5mm ² / AWG16	1.5 ... 4mm ² / AWG16 ... 12
Stripping Length	11mm / 0.43"	11mm / 0.43"
Temperature Resistance	105°C / 221°F	max. 85°C / 185°F
Cable length	160mm / 6.3"	-

Connection Diagram

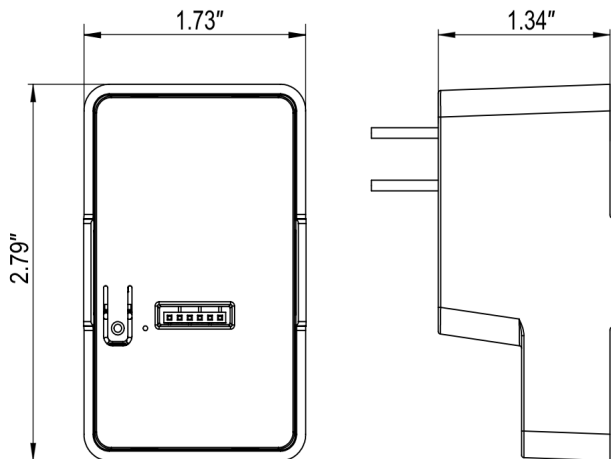


Product Characteristics

Mounting type	1 Gang Box or larger electrical enclosure
Connecting method	with enclosed Lever connectors
Colours	Green RAL6018
Finish	Matte

Weight & Dimensions



Net weight	76g
Total weight	116g
Product dimensions	2.79x1.73x1.34" (LxWxH)



Pack size	4.53x3.35x1.97" (LxWxH)
-----------	-------------------------

Certifications & Standards

Degree of Pollution	2
Overvoltage Category	Category III
Certifications	UL60730-1 IEC60730-1

 
RECOGNIZED COMPONENT
Intertek

Installation & Safety Instructions

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

The device has to be fitted in accordance with building regulations for electrical and fire safety.
This requires installation in a 1 Gang Box or larger electrical enclosure.

The device may only be operated on a fuse or circuit breaker with a rating of 120VAC / 15A.

Connect as shown in the wiring diagram.

When using LED lights, connect the enclosed LED Dimming Stabilizer.

The device is free of maintenance and must only be cleaned with a dry cloth.
The device must not be used as part of safety-critical systems.

Published by
Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria
loxone.com

Loxone US
3060 Plaza Drive
Suite 105
Garnet Valley, PA 19060
United States