

## Technical Specifications

<b>Power Supply</b>	18...28VDC SELV
<b>Inputs &amp; Outputs</b>	<ul style="list-style-type: none"> <li>• 12 Digital Inputs</li> <li>• 8 Digital Outputs (Relays) - 250VAC 16A at <math>\cos\varphi=1</math> (IEC) - 250VAC 15A at <math>\cos\varphi=1</math> (UL)</li> <li>• 1-Wire Interface (max. 50mA)</li> <li>• 4 PWM Outputs 2.1A @ 18...28VDC</li> </ul>
<b>Total Load of whole Extension</b>	max. 48A
<b>Power Consumption</b>	typ. 340mW, max. 1.74W
<b>Total Power Loss</b>	max. 8.7W
<b>Safety Rating</b>	IP20
<b>Operation</b>	Typ 1 (IEC 60730-1, UL 60730-1)
<b>Rated surge voltage of digital outputs</b>	2.5kV (UL 60730-1, max. Altitude 2.000m)
<b>Ambient temperature</b>	-20...55°C / -4...131°F
<b>Humidity</b>	95% r. H. (non condensing)
<b>Degree of pollution</b>	2

<b>Radio Frequency</b>	868MHz (SRD Band Europe), 915MHz (ISM Band Region 2) max. Power 3.16mW
<b>Antenna</b>	External, stub-antenna provided
<b>Dimensions</b>	157x88x57mm / 6.18x3.46x2.24" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	The device is free on maintenance and may only be cleaned with a dry cloth

## Connection

<b>Wire Diameter</b>	0.05...2.5mm <sup>2</sup> / AWG30...AWG12
<b>Exposed Wire Length</b>	6...7.5mm / 0.23...0.29"
<b>Torque of terminal blocks</b>	min. 0.5Nm, max. 0.6Nm
<b>Temperature Resistance</b>	Wire must have a min temperature rating of 75°C / 167°F for UL, 80°C / 176°F for IEC
<b>Load &gt; 12A</b>	min. 2.5mm <sup>2</sup> / min. AWG12

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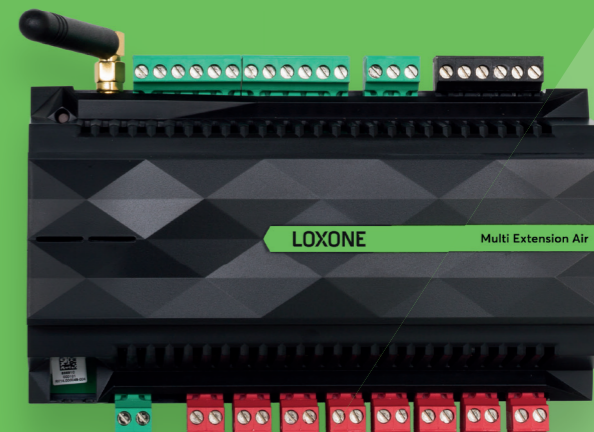
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LOXONE

# Multi Extension Air

Part No.: 100116



## About the product

The Loxone Multi Extension Air is a device for automatic control and management of home automation and similar non safety critical applications.

## Installation & electrical connection

The installation of the devices has to be mounted on a DIN rail in an electrical distribution housing (Standard distribution) and may only be performed by qualified personnel.

Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing.

To turn the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible and visible.

If the unit is used in a non conform manner as specified by the manufacturer the product included safeguards will be impaired.

### Information

Contains FCC ID: COR-ZWIR4512AC1

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation

This folder is a part of the product!



For additional information, declaration of conformity, visit [www.loxone.com/help/multi-air](http://www.loxone.com/help/multi-air)

