

Technical Specifications

Inputs & Outputs	<ul style="list-style-type: none"><li>• 12 Digital Inputs 24VDC (SELV)</li><li>• 8 Digital Outputs (Relays)<ul style="list-style-type: none"><li>- 250VAC 16A at cosφ=1 (IEC)</li><li>- 250VAC 15A at cosφ=1 (UL)</li><li>- total load of whole Extension max. 48A</li></ul></li><li>• 1-Wire Interface</li><li>• 4 PWM Outputs<ul style="list-style-type: none"><li>- 2.1A @ 24VDC (SELV each channel)</li></ul></li></ul>
Power Supply	24VDC SELV
Power Consumption	typ. 350mW
Radio Frequency	868MHz (SRD Band Europe), 915MHz (ISM Band Region 2) max. Power 3.16mW
Antenna	External, stub-antenna provided
Ambient temperature	0...55°C / 32...131°F
Storage temperature	-20...70°C / -4...158°F
Safety Rating	IP20

Operation	Typ 1 (IEC 60730-1, UL 60730-1)
Rated surge voltage of digital outputs	2.5kV (UL 60730-1, max. Altitude 2.000m)
Humidity	95% r. H. (non condensing)
Degree of pollution	2
Maintenance & Cleaning	The device is free on main-tenance and may only be cleaned with a dry cloth

Connection

Torque of terminal blocks	0.8Nm / 0.59ft
Wire Diameter	0.05...2.5mm <sup>2</sup> / AWG30...AWG12
Temperature Resistance	Wire must have a min tempe-rature rating of 70°C / 158°F
Load > 12A	min. 2.5mm <sup>2</sup> / min. AWG12
Exposed Wire Length	6...7.5mm / 0.23...0.29"

LOXONE

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Real Smart Homes.

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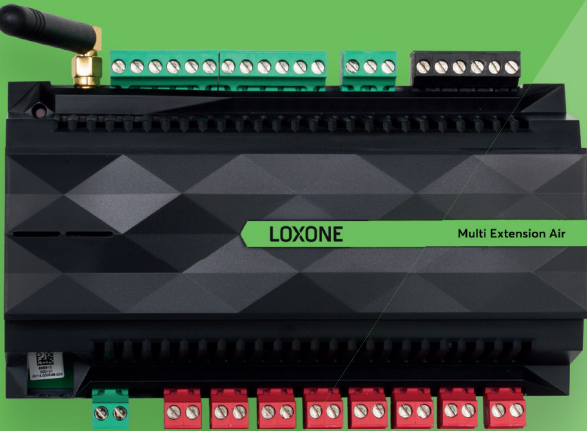
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LOXONE

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



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

