Technical Specifications

Power supply	19.2 ... 30VDC
Power consumption	typ. 1.85W, max. 3W
Power loss at max. load	6.7W
Digital inputs	8 digital inputs logic 0: 0 ... 4.5VDC undefined: 4.5 ... 6VDC logic 1: 6 ... 24VDC (Ri=45kOhm) useable as frequency counter: frequency: 1 ... 250Hz min. pulse width 2ms accuracy: +/- 1Hz
Analogue inputs	4 analogue inputs 0 ... 10VDC, resolution 12 Bit when used as digital inputs: logic 0: 0 ... 0.8VDC undefined: 0.9 ... 1.5VDC logic 1: 1.6 ... 24VDC (Ri=11kOhm)
Outputs	8 digital outputs (relays), volt-free 250VAC10A *at cos φ =1 or 30VDC 10A*
Interfaces	**Loxone Link:** connection with Extensions, up to 30 devices **Loxone Tree:** connection with Tree Products, up to 50 devices **LAN:** 100Mbps, IPv4/IPv6, HTTPS, SSL/TLS
Ambient temperature	0 ... 50°C / 32 ... 122°F
Safety rating	IP20

Technical Specifications

Humidity	max. 95% r. H. (non condensing)
Dimensions	157x88x57mm / 6.18x3.46x2.24" (LxWxH)
Maintenance & Cleaning	The device is free of maintenance and may only be cleaned with a dry cloth.

Connection Power Supply, Loxone Link, Loxone Tree

Wire cross-section	0.25 ... 0.8mm² / AWG23 ... 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 … 105°C / -40 … 221°F

Connection digital outputs

Wire cross-section	0.05 ... 2.5mm² / AWG30 ... 12
Stripping length	6 ... 7.5mm / 0.24 ... 0.30"
Torque of terminal blocks	0.5 ... 0.6Nm / 0.37 ... 0.44 lbf ft
Temperature resistance	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL,

Digital & analogue inputs

Wire cross-section	0.14 ... 0.5mm² / AWG26 ... 20
Stripping length	7mm / 0.28"
Temperature resistance	-40 ... 70 °C / -40 ... 158°F

* High loads at the digital outputs result in heat development, which can influence the lifetime in the long run. We recommend using coupling relays with loads more than 5A.
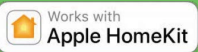
LOXONE

⚠️

For additional information, declaration of confirmity, visit
www.loxone.com/datasheets

V251023

Need Help?
loxone.com/support

RECOGNIZED COMPONENT

UKCA   ETL Intertek

Works with
Apple HomeKit

CE

BTL

Miniserver

Part No: 100335

About the product

The Loxone Miniserver is a device for automatic control and management of home & building automation and similar non-safety critical applications.

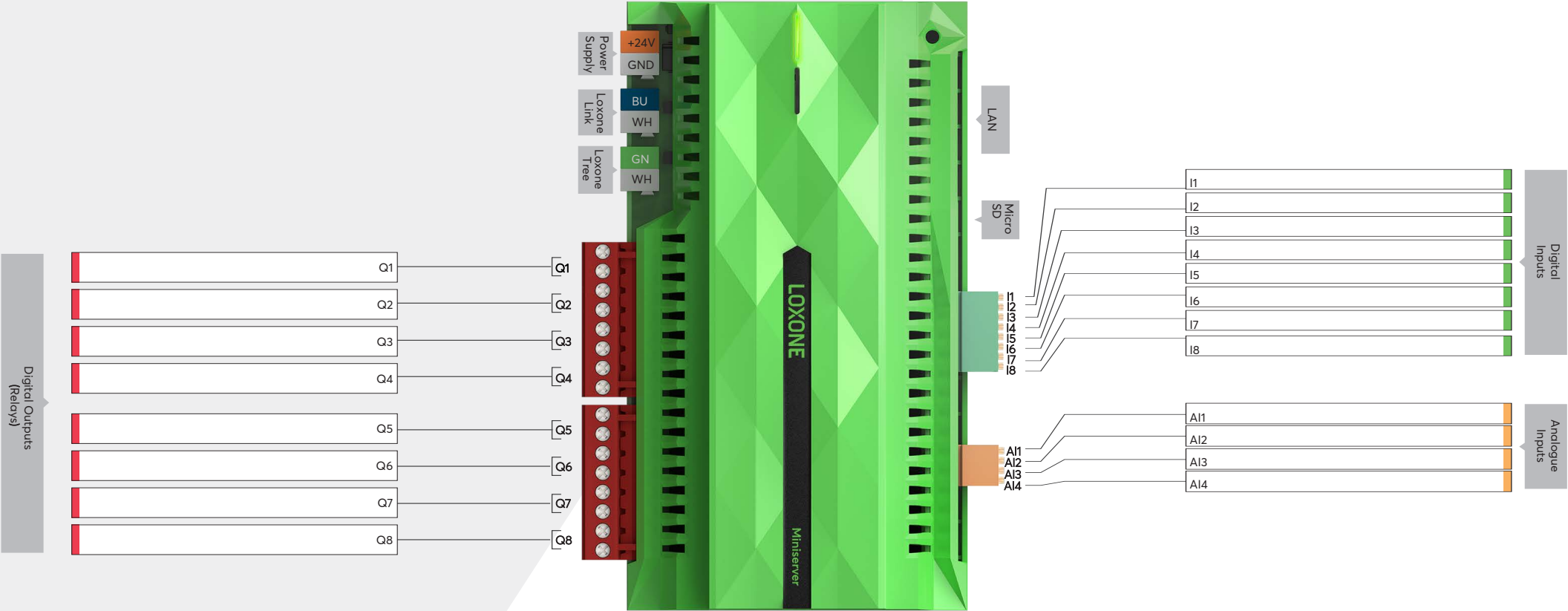## Installation & electrical connection

This device must be mounted on a DIN rail in an electrical distribution housing (standard distribution) and may only be installed 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-conforming manner as specified by the manufacturer the product included safeguards will be impaired.

Please use the 120 Ohm resistor at the last Extension which is connected to the Loxone Link.

This folder is a part of the product!

⚠ For additional information, declaration of conformity, visit www.loxone.com/help/miniserver

Power Supply: +24V, GND
Loxone Link: BU, WH
Loxone Tree: GN, WH

LAN

Micro SD

LOXONE
Miniserver

Digital Outputs (Relays): Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8

Digital Inputs: I1, I2, I3, I4, I5, I6, I7, I8

Analogue Inputs: AI1, AI2, AI3, AI4