Technical Specifications

Power supply	18 ... 30VDC
Power consumption	typ. 2.1W, max. 4.32W (all Relays on)
Power loss at max. load	8.6W
Digital inputs	8 digital inputs logic 0: 0 ... 7.2VDC undefined: 7.2 ... 8.2VDC logic 1: 8.2 ... 24VDC ($Ri=300kOhm$)
Analogue inputs	4 analogue inputs 0 ... 10V, resolution 10 Bit when used as digital inputs: logic 0: 0 ... 0.9VDC undefined: 0.9 ... 1.5VDC logic 1: 1.5 ... 24VDC ($Ri=10kOhm$)
Outputs	8 digital outputs (relays), dry contact 250VAC5A at cos φ =1 30VDC 5A 4 analogue outputs: 0 ... 10V (max. 20mA peak, max. 10mA continuous), resolution 12 Bit
Interfaces	**Loxone Link:** connection with Extensions, up to 30 devices **KNX**:for integration of KNX devices **LAN**: 100Mbps, IPv4, HTTP only

Power Supply, Loxone Link, digital & analogue inputs, digital & analogue outputs

Wire cross-section	0.05 ... 2.5mm^2 / 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

KNX interface

Wire cross-section	0.25 … 0.8mm^2 / AWG23 …18
Stripping length	5mm / 0.2"
Temperature resistance	-40 … 105°C / -40 … 221°F

Technical Specifications

Ambient temperature	0 ... 50°C / 32 ... 122°F
Humidity	max. 95% r. H. (non condensing)
Dimensions	157x88x57mm / 6.18x3.46x2.24" (LxWxH)
Maintenance & Cleaning	The device is free on maintenance and may only be cleaned with a dry cloth.
Safety rating	IP20
Operation	Typ 1 (IEC 60730-1, UL 60730-1)
Rated surge voltage for digital outputs	2.5kV (UL 60730-1, max. Altitude 2.000m)

LOXONE

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Miniserver

Part No: 100001

About the product

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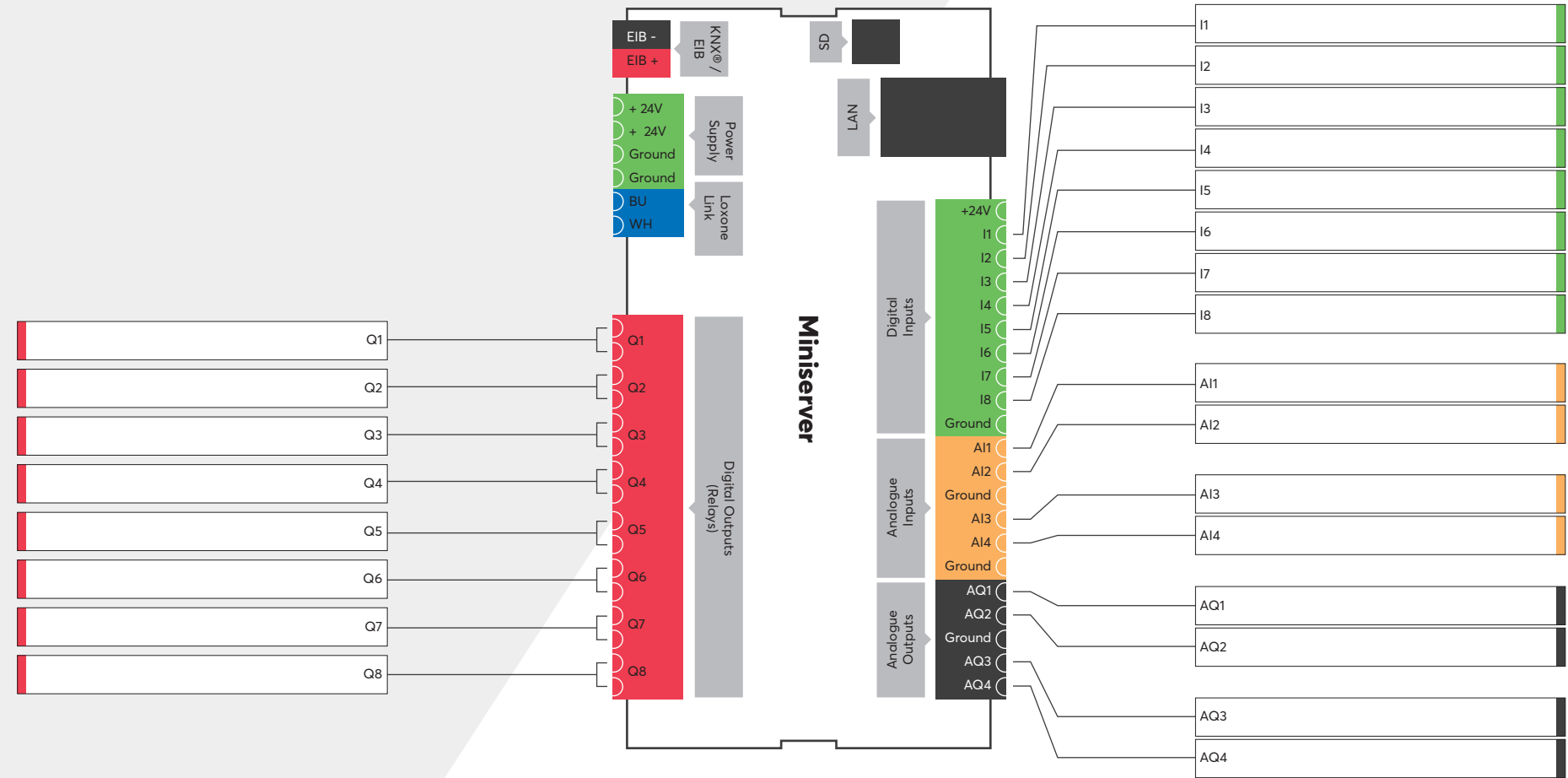
Installation & electrical connection

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.

This folder is a part of the product!

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