

About the product

The Miniserver is a device for the automatic control and management of home automation and similar non safety critical applications.

Installation & electrical connection

The installation of the devices is 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.



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

Digital Output Port Specifications

Screw clamp torque

0.59 ft lb (0.8Nm)

Wire Diameter

0.05mm² ... 2.5mm²

30 ... 12 AWG.

Wire must have a minimum temperature rating of 158 °F (70 °C)

Exposed Wire Length

0.23" ... 0.29" (6mm ... 7.5mm)



Technical Specifications

Inputs & Outputs

- 8 Digital Inputs 24V DC (SELV)
- 8 Digital Outputs (Relays)
250V AC 5A at $\cos\phi=1$, 30V DC 5A
- 4 Analog Inputs 0 ... 10V DC or
4 Digital Inputs 24V DC (SELV)
- 4 Analog Outputs 0 ... 10V DC, 20mA (SELV)

Power Supply & Power Consumption

24V DC (SELV)

- approx. 110mA at 24V DC
(all Relays open)
- approx. 180mA at 24V DC
(all Relays closed)

Ambient Temperature

32 °F ... 122 °F (0 °C ... 50 °C)

Safety Rating

IP20 (in installed environment)

Operation

Typ 1 (EN60730-1)

Storage Temperature

-4 °F ... 158 °F (-20 °C ... +70 °C)

Humidity

95% r.H (non condensing)

Rated impulse voltage for digital outputs

2.5kV (EN60730-1, max. Altitude 2000m)

Degree of pollution

2

Maintenance & cleaning

The device is maintenance-free and may only be cleaned with a dry cloth