LOXONE Extension
Art. Nr.: 100002

About the product
The Extension 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 standard 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/extension

Digital Output Port Specifications

Torque of terminal blocks
0.59 ft lbs (0.8 Nm)

Wire Diameter
0.05mm² ... 2.5mm²
30 ... 12 AWG
Wire must have a min temperature rating of
158 °F (70 °C)

Exposed Wire Length
0.23" ... 0.29" (6mm ... 7.5mm)

Technical Specifications

Inputs & Outputs
- 12 Digital Inputs 24V DC (SELV)
- 8 Digital Outputs (Relays)
  250V AC 5A at cosφ=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
- 110mA at 24V DC (all Relays open)
- 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)

Relative Humidity
95% r.H (non condensing)

Rated surge voltage of 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

LOXONE The Miniserver based
Smart Home.