

Technical Specifications

Power supply	20 ... 28VDC
Power consumption	typ. 1.5W, max. 2.9W (all Relays on)
Digital inputs	12 digital inputs (max. 100mA at 24VDC) logic 0: 0 ... 7.2VDC undefined: 7.2 ... 8.2VDC logic 1: 8.2 ... 24VDC (Ri=300kOhm) useable as frequency counter: max. frequency: 1 ... 150Hz min. pulse width: 3ms accuracy: + / - 1Hz
Analogue inputs	4 analogue inputs 0 ... 10V, resolution 10 Bit when used as digital inputs: logic 0: 0 ... 0.5VDC undefined: 0.5 ... 1.2VDC logic 1: 1.2 ... 24VDC (Ri=10kOhm)
Outputs	8 digital outputs (Relays), dry contact 250VAC 5A at $\cos\varphi = 1$ (IEC) 125VAC 10A at $\cos\varphi = 1$ (IEC) 30VDC 5A 4 analogue outputs: 0 ... 10V (max. 20mA peak, max. 10mA continuous), resolution 12 Bit
Interfaces	Loxone Link: connection with Miniserver

Power loss at max. load	max. 7.8W
Ambient temperature	0 ... 50°C / 32 ... 122°F
Safety rating	IP20
Operation	Typ 1 (IEC 60730-1, UL 60730-1)
Rated impulse voltage for digital output	2.5kV (UL 60730-1, max. Altitude 2000m)
Humidity	max. 95% r. H. (non condensing)
Dimensions	157x88x57mm / 6.18x3.46x2.24" (LxWxH) (9TE)
Degree of pollution	2
Maintenance & Cleaning	The device is free on main- tenance and may only be cleaned with a dry cloth

Connection

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

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Extension

Part No: 100002

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V190922

About the product

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

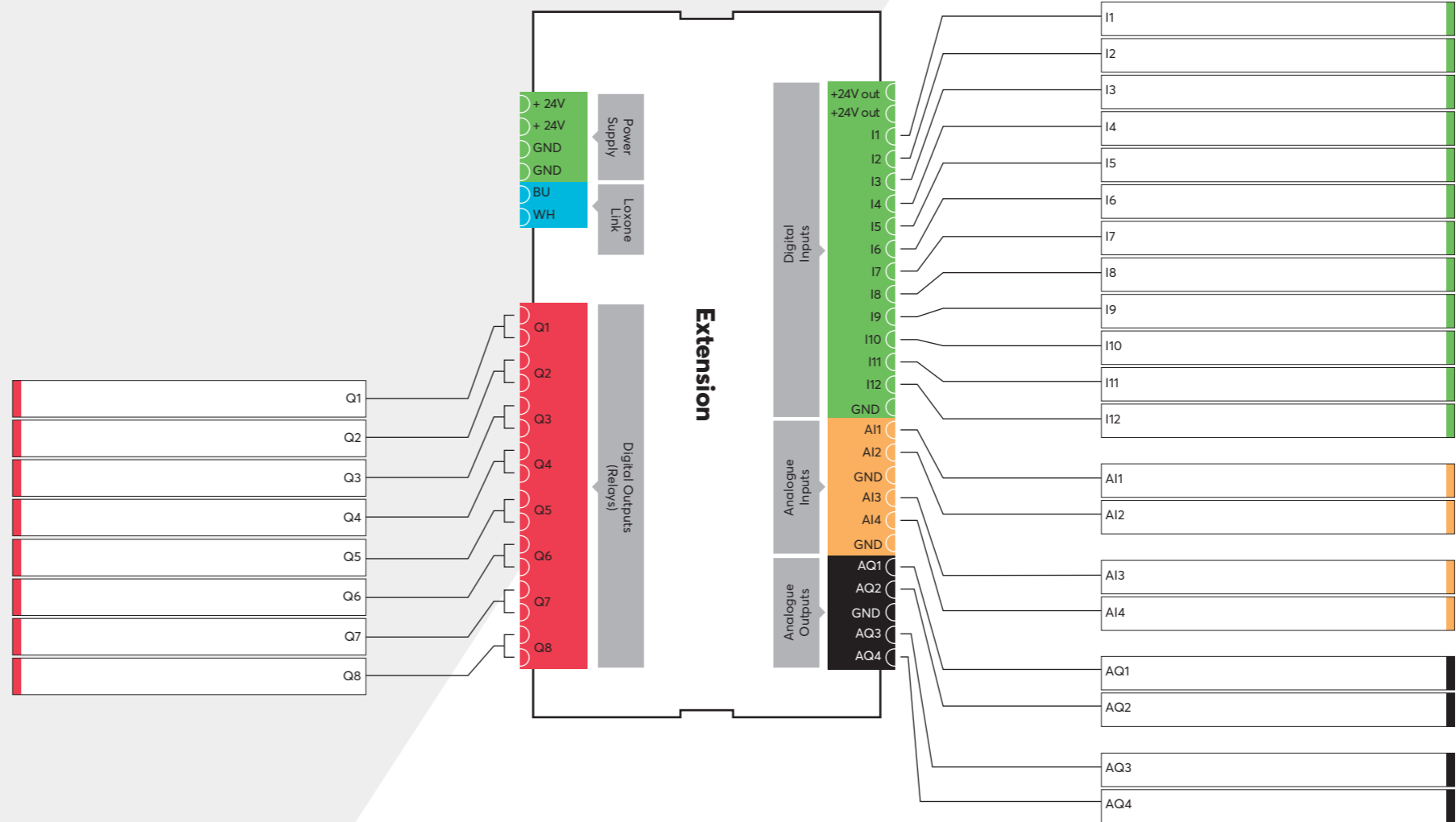
Installation & electrical connection

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.



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