### **Technical Specifications**

Power Supply	1828VDC PELV
Inputs & Outputs	14 Digital Outputs (Relays)
	250VAC 16A at cos <sup>φ</sup> =1 (IEC) total load whole Extension max. 48A (IEC)
	250VAC 15A at $\cos^{\varphi}$ =1 (UL) total load whole Extension max. 45A (UL)
Power Consumption	2.1W (all Relays on)
Total Power Loss	max. 7.2W
Safety Rating	IP20
Operation	Typ 1 (IEC 60730-1, UL 60730-1)
Rated Surge Voltage of Digital Outputs	2.5kV (UL 60730-1, max. Altitude 2000m)
Ambient Temperature	-4040°C / -40104°F
Humidity	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.

### Power Supply and Link Connection

Wire Diameter	0.250.8mm² / AWG23AWG18
Exposed Wire Length	5mm / 0.2"
Push-In-Technology	To make connection, insert wire. To remove the wire, twist and pull at the same time.

### **Relay Connection**

Wire Diameter	0.052.5mm <sup>2</sup> /
	AWG30AWG12
Exposed Wire Length	67.5mm / 0.230.29"
Torque of terminal blocks	min. 0.5Nm , max. 0.6Nm
Temperature Resistance	Wire must have a min temperature rating of
	75°C / 167°F for UL.
	80°C / 176°F for IEC
Load > 12A	min. 2.5mm <sup>2</sup> / min. AWG12

## LOXONE

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Loxone Electronics GmbH Smart Home 1 4154 Kollerschlag Austria



loxone.com



### Relay Extension

Part No.: 100038

#### About the product

The Loxone Relay 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.

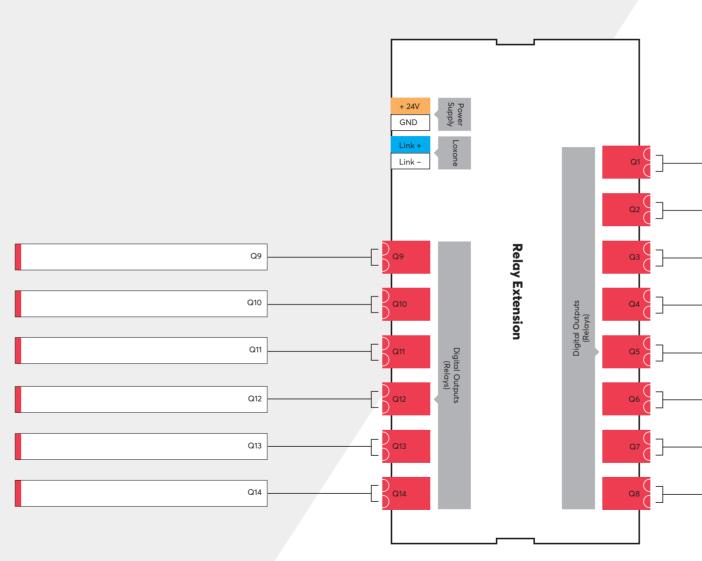
Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing.

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.

This folder is a part of the product!





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Q2
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Q8