

Technical Specifications

Power supply	18 ... 28VDC
Power consumption	typ. 0.7W (all Relays off), max. 3.8W (all Relays on)
Outputs	14 digital outputs (Relays) 250VAC 16A at $\cos\phi = 1$ (IEC) total load whole Extension max. 48A (IEC) 250VAC 15A at $\cos\phi = 1$ (UL) total load whole Extension max. 45A (UL) max. 30VDC 16A
Interfaces	Loxone Link: connection with Miniserver
Total power loss at max. load	max. 11W
Ambient temperature	-40 ... 40°C / -40 ... 104°F
Humidity	95% r. H. (non condensing)
Safety Rating	IP20
Operation	Type 1 (UL60730-1, CSA E60730-1)
Rated impulse voltage for digital output	2.5kV (UL60730-1, max. Altitude 2000m)
Degree of pollution	2
Software class	A

Power Supply and Link Connection

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

Relay Connection

Wire cross-section	0.05 ... 2.5mm ² / AWG30 ... 12 Load > 12A: min. 2.5mm ² / min. AWG12
Stripping length	6 ... 7.5mm / 0.23 ... 0.29"
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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Dimensions	158x88x59mm / 6.22x3.46x2.32" (LxWxH)
Maintenance & Cleaning	The device is free on maintenance and may only be cleaned with a dry cloth.

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Relay Extension

Part No.: 100038

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V080720

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!



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

