

Interface

LOXONE Link	connection with Miniserver
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Ambient Conditions

Temperature	-40 ... 40 °C / -40 ... 104 °F
Humidity	max. 95 % RH (non-condensing)
Ingress Protection	IP20



Safety Instructions

Installation must be carried out by a qualified electrician in accordance with applicable regulations.

This device must be mounted on a DIN rail inside a standard electrical distribution housing.

Protection against electrical contact and fire must be ensured in the final installation by using a standards-compliant, approved housing.

A disconnecting device (separator) must be present to turn the unit on/off during installation or in case of failure. It must be easily accessible and visible.

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

If the unit is used in a manner not conforming to the manufacturer's specifications, the built-in safeguards may be impaired.

24 V DC Terminals

Wire cross-section	0.28 ... 0.8 mm² / AWG 23 ... 18
Stripping length	5 ... 6 mm / 0.2 ... 0.24"
Temperature resistance	-40 ... 105 °C / -40 ... 221 °F

Relay Terminals

Wire cross-section	0.05 ... 2.5 mm² / AWG 30 ... 12 Load > 12 A: min. 2.5 mm² / AWG 12
Stripping length	6 ... 7.5 mm / 0.24 ... 0.30"
Tightening torque	0.5 ... 0.6 N·m / 0.37 ... 0.44 lb·ft
Temperature resistance	min. 80 °C / 176 °F for IEC min. 75 °C / 167 °F for UL



For more information
about this product, visit
loxone.com/help/relay-extension

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom

Loxone US
3060 Plaza Drive
Suite 105
Garnet Valley, PA 19060
United States



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

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Relay Extension

Part No.: 100038

LOXONE

About the product

The LOXONE Relay Extension provides 14 potential-free relay outputs, allowing you to switch lighting, shading, heating, alarm systems, and other loads within your LOXONE system.

Features

- 14 dry contact relay outputs
- DIN rail mounting

Electrical Specifications

Supply Voltage	18 ... 28 V DC
Power Consumption	typ. 0.7 W (all relays off), max. 3.8 W (all relays on)
Power Loss at Max. Load	11 W

Outputs

Digital (14)	Relays, dry contact
	• 250 V AC 16 A at cos =1 (IEC) total load whole Extension max. 48 A (IEC) • 250 V AC 15 A at cos =1 (UL) total load whole Extension max. 45 A (UL) • max. 30 V DC 16 A

