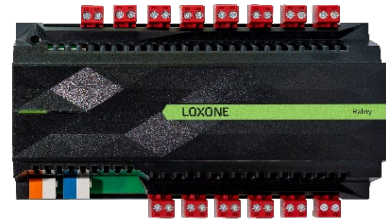


Datasheet

Relay Extension

Part No: 100038



About the product

The Loxone Relay Extension features 14 dry contact relay outputs.

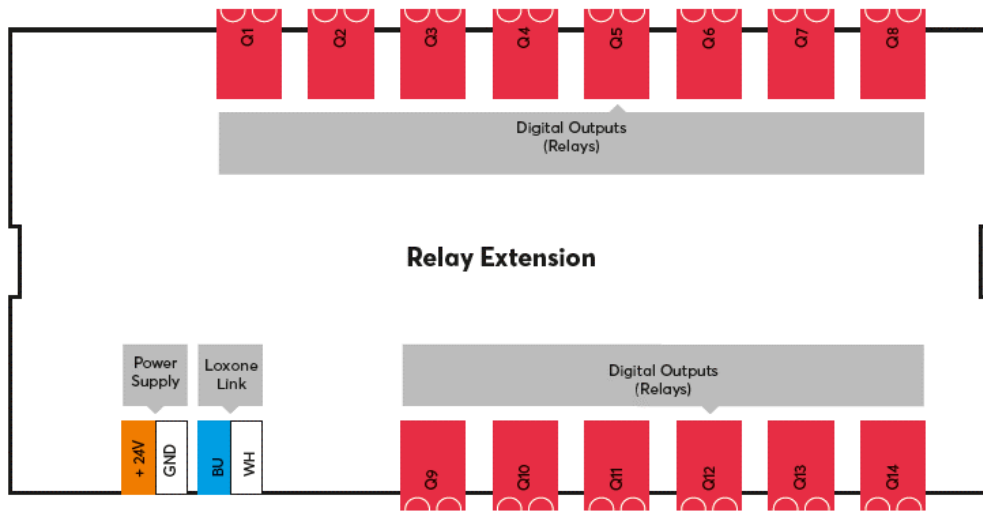
Electrical Data

Power supply	18 ... 28VDC
Power consumption	typ. 0.7W (all Relays off), max. 3.8W (all Relays on)
Outputs	14 digital outputs (Relays), dry contact 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)
Interfaces	Loxone Link: connection with Miniserver
Power loss at max. load	11W
Ambient temperature	-40 ... 40°C / -40 ... 104°F
Humidity	max. 95% r.H. (non condensing)

Connections

	Power supply & Loxone Link	Relay Connection
Wire cross-section	0.25 ... 0.8mm ² / AWG23 ...18	0.05 ... 2.5mm ² / AWG30 ... 12 Load >12A: min. 2.5mm ² / min. AWG12
Stripping length	5mm / 0.2"	6 ... 7.5mm / 0.24 ... 0.30"
Torque of terminal blocks	-	0.5 ... 0.6Nm
Temperature resistance	-40 ... 105°C / -40 ... 221°F	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL
Orange / White	Power Supply / GND	-
Blue / White	Loxone Link	-

Connection Diagram

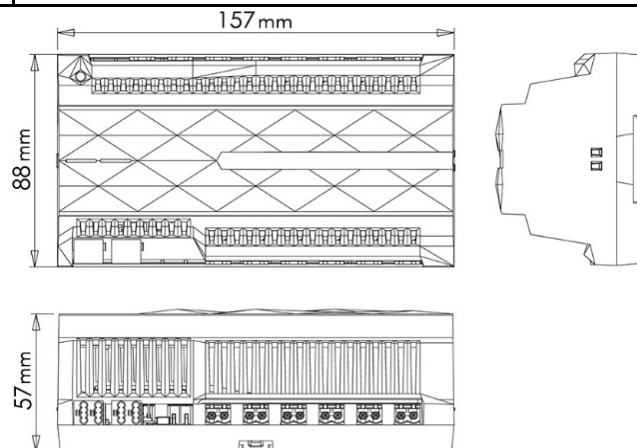


Product Characteristics

Mounting type	DIN rail according to EN50022, 35mm
Colours	Black: RAL 9005
Finish	Matte



Weight & Dimensions

Net weight	445g
Total weight	501g
Product dimensions	158x88x59mm / 6.22x3.46x2.32" (LxWxH)



Pack size	180x110x65mm / 7.08x4.33x2.56" (LxWxH)
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Certifications & Standards

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
Certifications	UL60730-1 IEC60730-1   Intertek

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

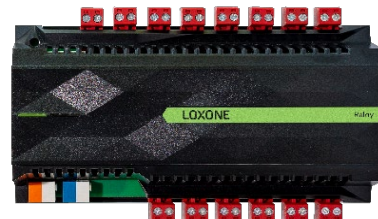
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Datenblatt

Relay Extension

Art. Nr. 100038



Information zum Produkt

Die Loxone Relay Extension stellt 14 Ausgänge mit potentialfreien Relais zur Verfügung.

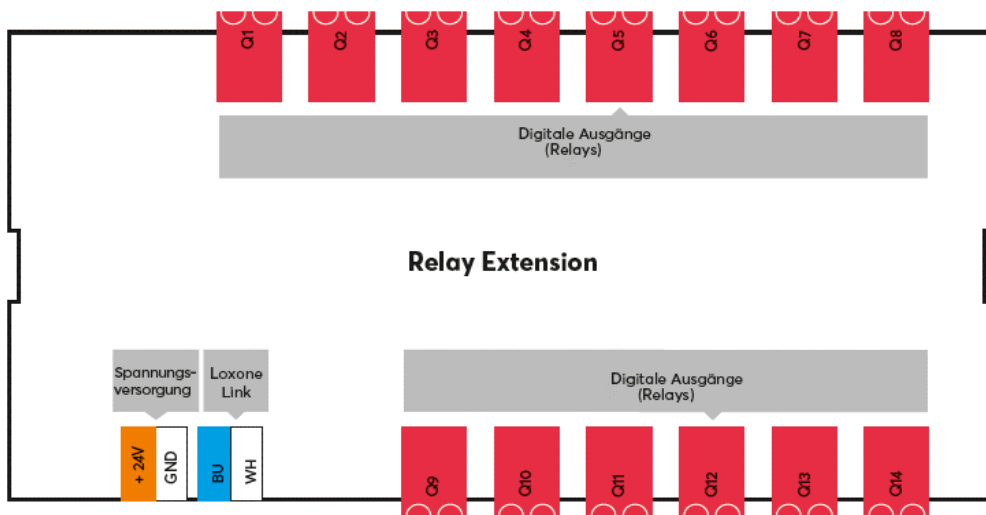
Elektrische Daten

Spannungsversorgung	18 ... 28VDC
Leistungsaufnahme	typ. 0,7W (alle Relais aus), max. 3,8W (alle Relais ein)
Ausgänge	14 digitale Ausgänge (Relais), potentialfrei 250VAC 16A bei $\cos\phi = 1$ (IEC) Gesamtlast Extension max. 48A (IEC) 250VAC 15A bei $\cos\phi = 1$ (UL) Gesamtlast Extension max. 45A (UL)
Schnittstellen	Loxone Link: Verbindung mit Miniserver
Verlustleistung bei max. Last	11W
Umgebungstemperatur	-40 ... 40°C / -40 ... 104°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Anschlüsse

	Spannungsversorgung & Loxone Link	Relay Anschlüsse
Leiterquerschnitt	0,25 ... 0,8mm ² / AWG23 ... 18	0,05 ... 2,5mm ² / AWG30 ... 12 Load >12A: min. 2,5mm ² / min. AWG12
Abisolierlänge	5mm / 0,2"	6 ... 7,5mm / 0,24 ... 0,30"
Drehmoment der Klemmen	-	0,5 ... 0,6Nm
Temperaturbeständigkeit	-40 ... 105°C / -40 ... 221°F	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL
Orange / Weiß	Spannungsversorgung / GND	-
Blau / Weiß	Loxone Link	-

Anschlussplan

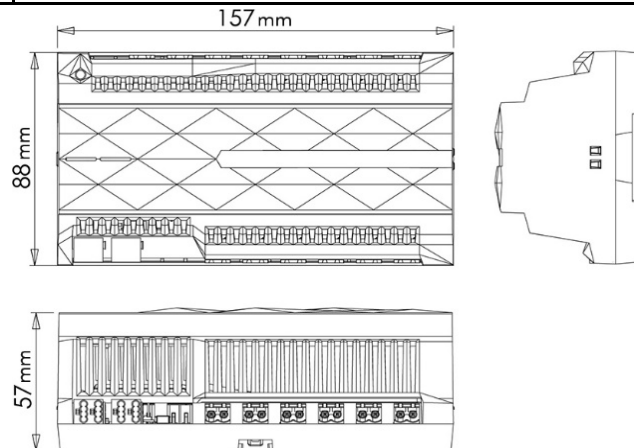


Produkteigenschaften

Montageart	Hutschiene nach EN50022, 35mm
Farbe	Schwarz: RAL 9005
Glanzgrad	Matt



Gewicht & Abmessungen

Nettogewicht	445g
Bruttogewicht	501g
Produktmaße	158x88x59mm / 6,22x3,46x2,32" (LxBxH)



Packmaß	180x110x65mm / 7,08x4,33x2,56" (LxBxH)
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Zertifizierungen & Standards

Schutzart	IP20
Einsatzgebiet	Type 1 (UL60730-1, CSA E60730-1)
Bemessungsspannung der digitalen Ausgänge	2.5kV (UL60730-1, max. Höhe 2000m)
Verschmutzungsgrad	2
Software Klasse	A
Zertifizierungen	UL60730-1 IEC60730-1   Intertek

Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.

Veröffentlicht von Loxone Electronics GmbH

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