

Datasheet

Internorm Extension

Part No: 100232



About the product

With the new Internorm extension, you can easily integrate I-tec ventilation and I-tec shading Internorm controls into a Loxone Smart Home. Working seamlessly together, the Miniserver can take care of operating the Internorm elements in your home so that your home does a much better job of harnessing nature to meet its ventilation, heating and cooling needs.

- Realise more intelligent home ventilation by integrating Internorm I-tec ventilation products
- Enjoy autopilot shading by integrating I-tec shading products
- Control up to 40 Internorm I-tec components
- All devices can be easily configured using Loxone Config
- Compatible with Internorm I-tec Generation 1.0

Technical data

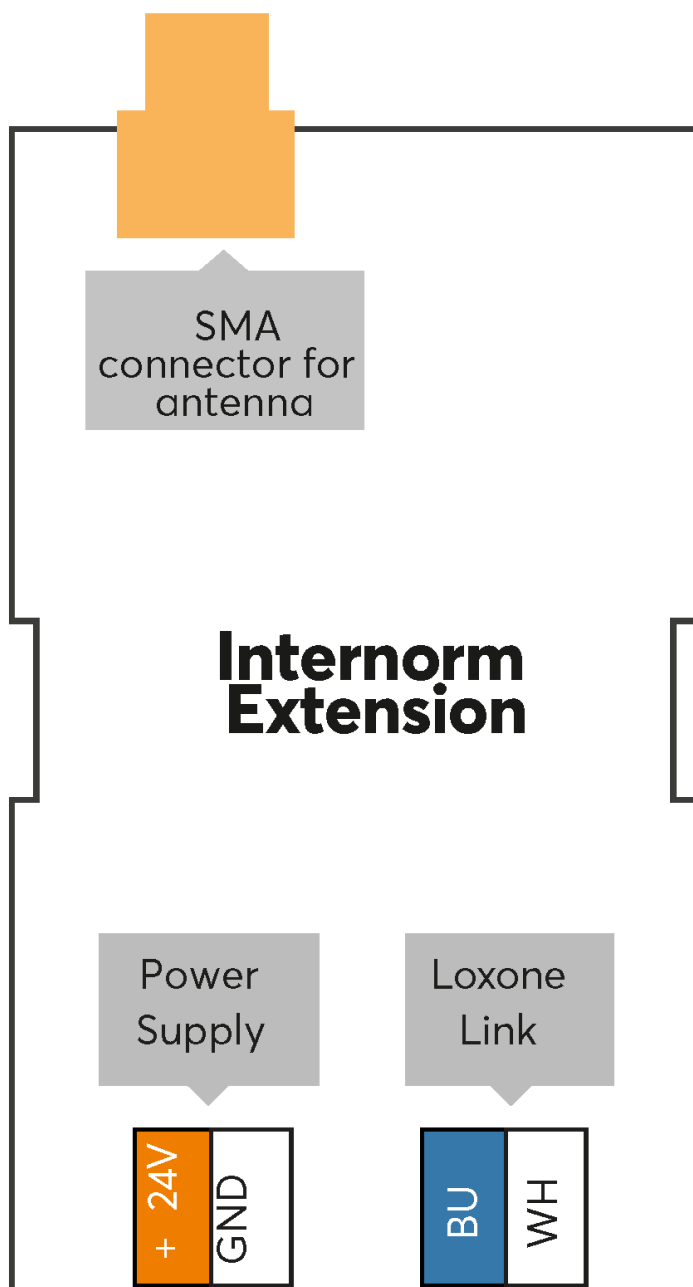
Power supply	9 ... 28VDC
Power consumption	typ. 288mW, max. 312mW
Power loss at max. load	312mW
Interfaces	I-tec: 868MHz (SRD Band Europe), EU channel 0 max. Power 3.16mW connection with up to 40 Internorm I-tec devices Loxone Link: connection with Miniserver
Ambient Temperature	-40 ... 70°C / -40 ... 158°F
Humidity	max. 95% r.H. (non condensing)

Connections

Wire cross-section	0.25 ... 0.8mm² / AWG23 ... 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 ... 105°C / -40 ... 221°F

Orange / White	+24VDC / GND
Blue / White	Loxone Link

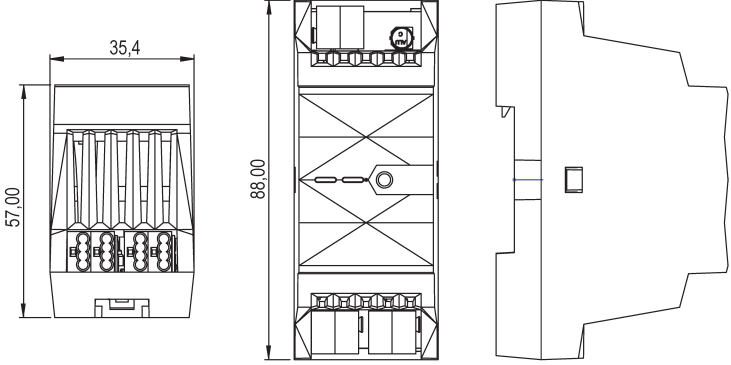
Connection diagram



Product features

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

Weight & dimensions

Net weight	65g
Total weight	85g
Product dimensions	35.4x88x57mm / 1.4x3.46x2.24" (LxWxH), 2 division units
	 The image contains three technical drawings of a small electronic device. The front view on the left shows a rectangular device with a width dimension of 35,4 and a height dimension of 57,00. It features a series of vertical lines in the center and four circular components at the bottom. The side view in the middle shows a height dimension of 88,00 and depicts the internal structure with two horizontal dividers. The top view on the right shows the irregular shape of the device's top surface.
Pack size	121x38x62mm / 4.76x1.50x2.44" (LxWxH)

Certifications & Standards

Safety rating	IP20
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Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

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Artikel Nr.: 100232



Über das Produkt

Mit der neuen Internorm Extension können Sie die Internorm Steuerelemente I-tec Lüftung und I-tec Beschattung einfach in das Loxone Smart Home integrieren und aus dem Vollen schöpfen: Von der Vernetzung mit anderen Hausfunktionalitäten bis hin zur einfachen Bedienung.

- vollständige Integration von Internorm I-tec Belüftung zur Realisierung der intelligenten Wohnraumlüftung
- vollständige Integration der I-tec Beschattung - ermöglicht vollautomatisches Beschatten
- Ansteuerung von bis zu 40 Internorm I-tec Komponenten
- Kompatibel mit Intercom I-tec Generation 1.0
- einfache Konfiguration über Loxone Config

Technische Daten

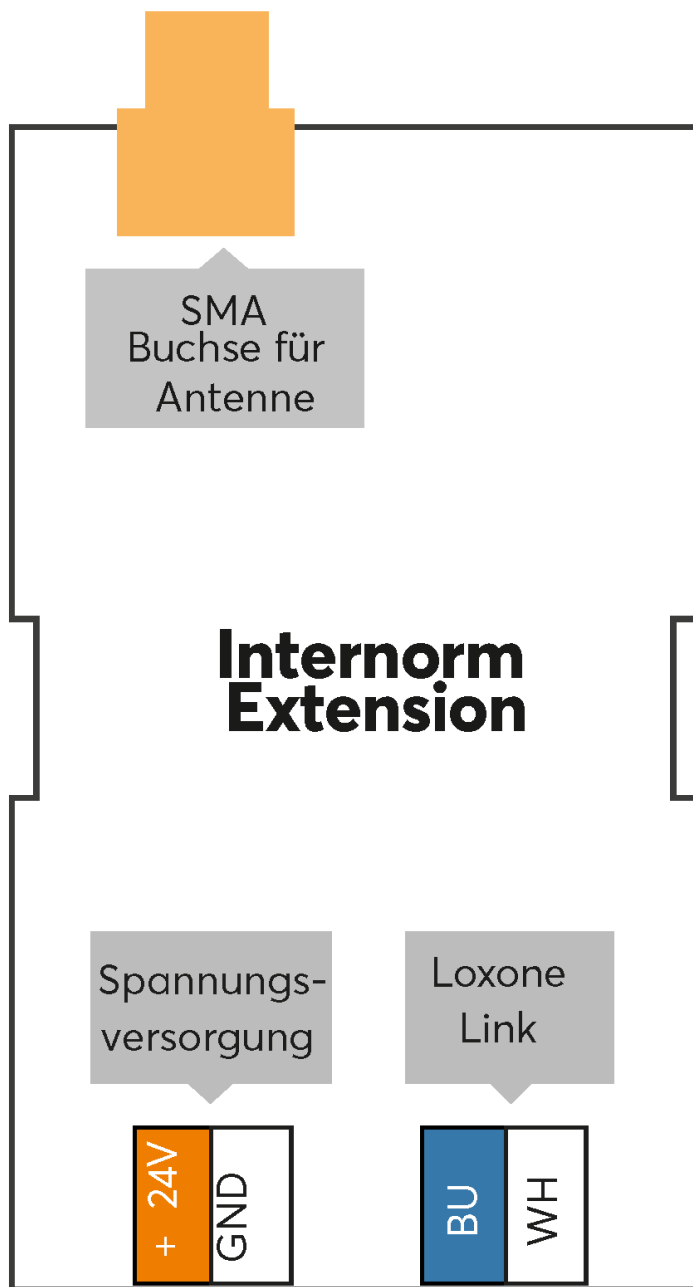
Spannungsversorgung	9 ... 28VDC
Leistungsaufnahme	typ. 288mW, max. 312mW
Verlustleistung bei max. Last	312mW
Schnittstellen	I-tec: 868MHz (SRD Band Europa), EU Kanal 0 max. Sendeleistung 3,16mW Verbindung mit bis zu 40 Internorm I-tec Komponenten Loxone Link: Verbindung mit Miniserver
Umgebungstemperatur	-40 ... 70°C / -40 ... 158°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Anschlüsse

Leiterquerschnitt	0,25 ... 0,8mm ² / AWG23 ... 18
Abisolierlänge	5mm / 0,2"
Temperaturbeständigkeit	-40 ... 105°C / -40 ... 221°F

Orange / Weiß	+24VDC / GND
Blau / Weiß	Loxone Link

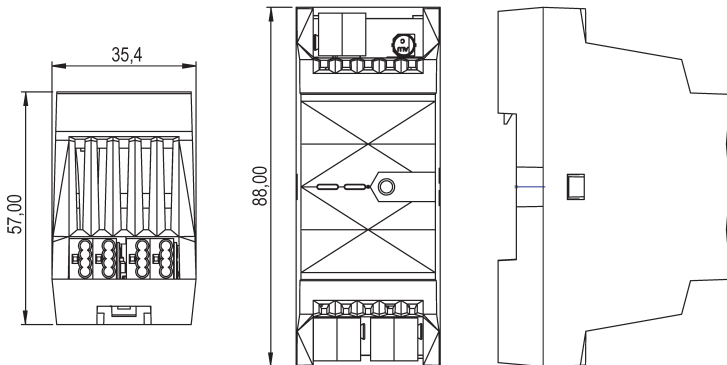
Anschlussplan



Produkteigenschaften

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

Gewicht & Abmessungen

Nettogewicht	65g
Bruttogewicht	85g
Produktmaße	35,4x88x57mm / 1,4x3,46x2,24" (LxBxH), 2 Teilungseinheiten
	
Packmaß	121x38x62mm / 4,76x1,50x2,44" (LxBxH)

Zertifizierungen & Standards

Schutzart	IP20
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Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.