

Datasheet DMX Extension

Part No: 100012



About the product

The DMX Extension allows you to control your lighting moods, including dimming, colour changing and fading.

- up to 128 devices / 512 channels with only one Extension
- realize individual light scenes with colour
- Works best with LED lighting

Technical data

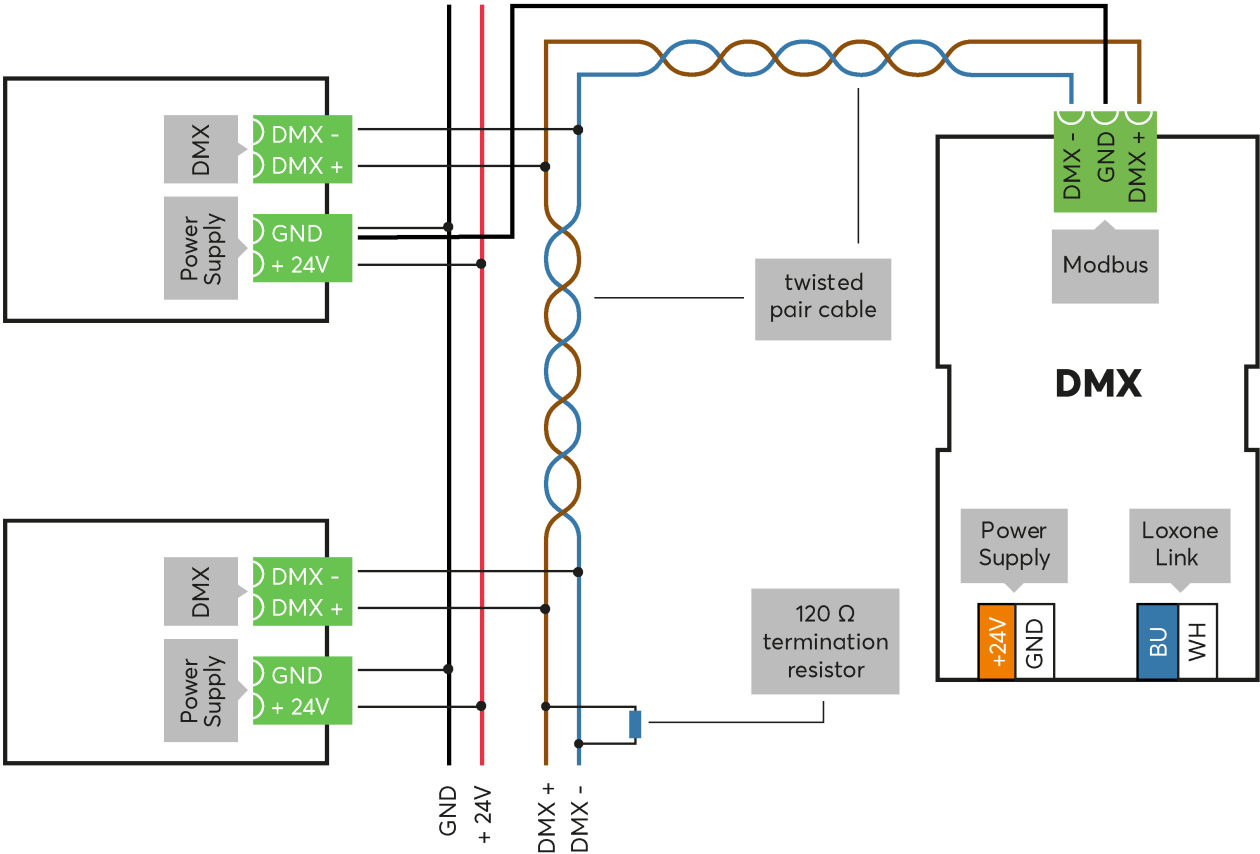
Power supply	9 ... 28VDC
Power consumption	max. 60mW
Interfaces	DMX: up to 128 channels protocol: DMX512 max. 500m wire length Loxone Link: connection with Miniserver
Power loss at max. load	60mW
Ambient temperature	-40 ... 70°C / -40 ... 158°F
Humidity	max. 95% r.H. (non condensing)

Connections

	DMX interface	Power Supply & Loxone Link
Wire cross-section	0.14 ... 0.5mm ² / AWG26 ... 20	0.25 ... 0.8mm ² / AWG23 ... 18
Stripping length	7mm / 0.28"	5mm / 0.2"
Temperature resistance	-40 ... 70 °C / -40 ... 158°F	-40 ... 105°C / -40 ... 221°F

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

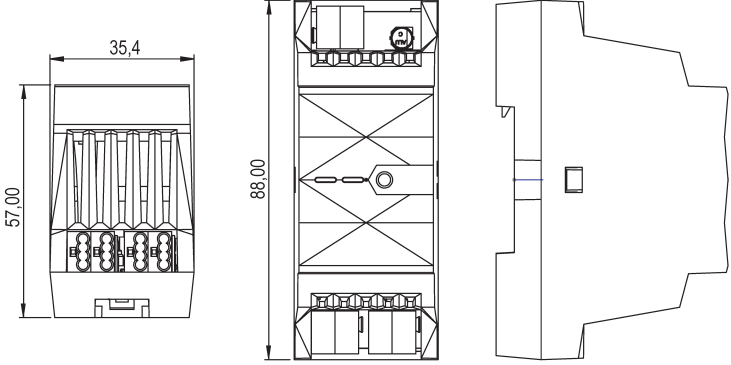
Connection diagram



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 component. The front view on the left shows a rectangular device with a width of 35.4 mm and a height of 57.00 mm. It features a series of vertical lines and a small circular feature at the bottom. The side view in the middle shows a height of 88.00 mm and a similar front view. The top view on the right shows the component's profile, which is wider than it is tall, with a small rectangular feature on the side.
Pack size	121x38x62mm / 4.76x1.50x2.44" (LxWxH)

Certifications & Standards

Safety rating	IP20
Certifications	UL 62368-1  RECOGNIZED COMPONENT ETL^{CM} C LISTED US CSA C22.2#62368-1 Intertek

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

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Über das Produkt

DMX bietet Ihnen viele Möglichkeiten zur intelligenten Ansteuerung von Licht, vor allem bei LED-Beleuchtung.

- bis zu 128 Geräte / 512 Kanäle mit nur einer Extension
- individuelle Lichtszenen mit Farbe realisieren

Technische Daten

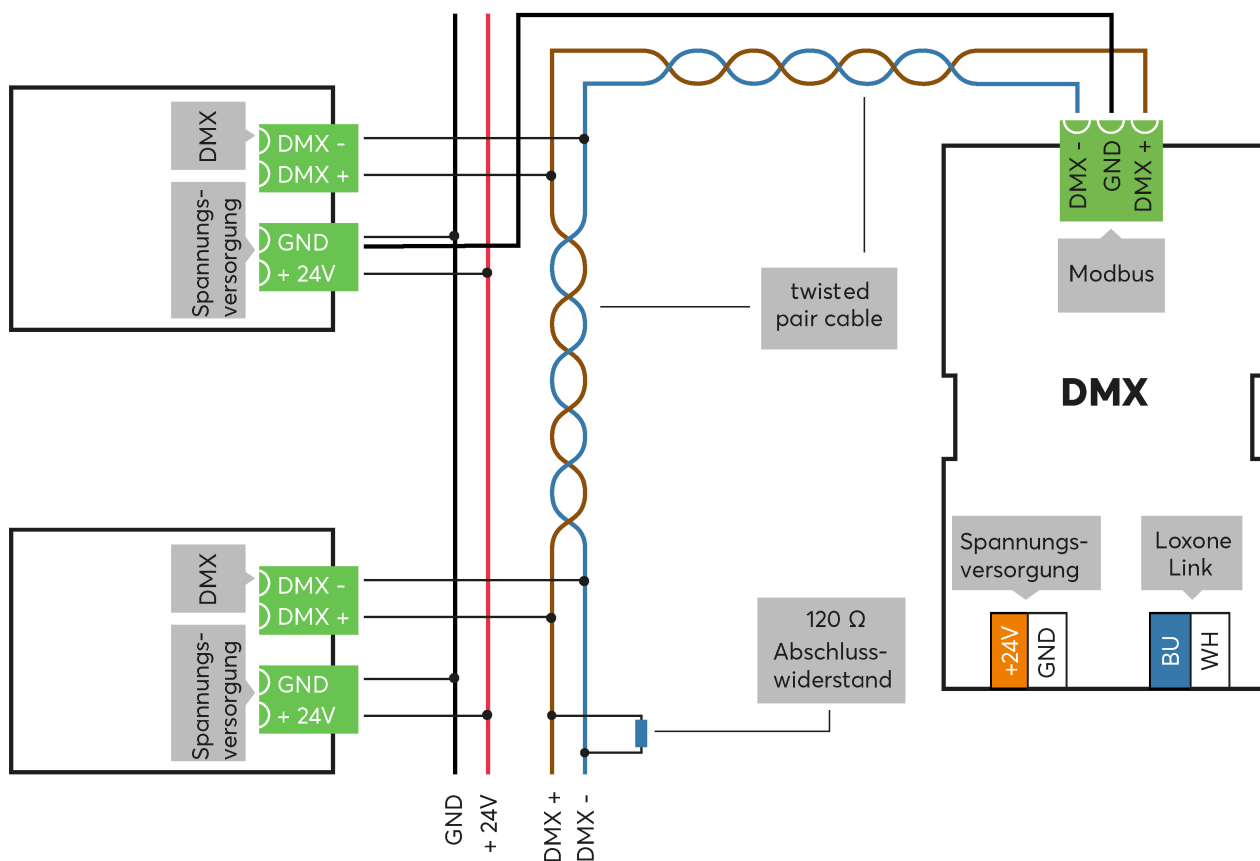
Spannungsversorgung	9 ... 28VDC
Leistungsaufnahme	max. 60mW
Schnittstellen	DMX: bis zu 128 Kanäle Protokoll: DMX512 max. 500m Leitungslänge Loxone Link: Verbindung mit Miniserver
Verlustleistung bei max. Last	60mW
Umgebungstemperatur	-40 ... 70°C / -40 ... 158°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Anschlüsse

	DMX Schnittstelle	Spannungsversorgung & Loxone Link
Leiterquerschnitt	0,14 ... 0,5mm ² / AWG26 ... 20	0,25 ... 0,8mm ² / AWG23 ... 18
Abisolierlänge	7mm / 0,28"	5mm / 0,2"
Temperaturbeständigkeit	-40 ... 70 °C / -40 ... 158°F	-40 ... 105°C / -40 ... 221°F

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

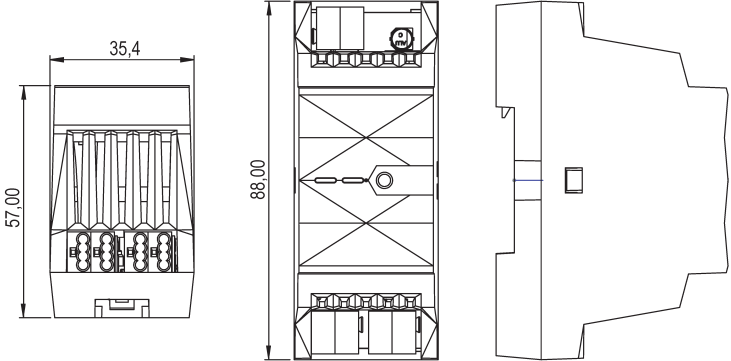
Anschlussplan



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
Zertifizierungen	UL 62368-1  CSA C22.2#62368-1 Intertek

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