

Technical Specifications

Power supply	9 ... 28VDC
Power consumption	typ. 0.18W
Interface	RS485: for integration of max. 32 devices max. 1200m wire length adjustable baud rate & parity Only 8 data bits are supported. Loxone Link: connection with Miniserver
Power loss at max. load	0.60W
Ambient temperature	-40 ... 70°C / -40 ... 158°F
Humidity	max. 95% r. H. (non condensing)
Safety rating	IP20
Dimensions	35.5x88x57mm / 1.4x3.46x2.24" (LxWxH)
Maintenance & Cleaning	This device is free of main- tenance and may only be cleaned with a dry cloth.

RS485 interface

Wire cross-section	0.14 ... 0.5mm ² / AWG26 ... 20
Stripping length	7mm / 0.28"
Temperature resistance	-40 ... 70 °C / -40 ... 158°F

LOXONE

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

V190924



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LOXONE

RS485 Extension

Part No: 100011

About the product

The Loxone RS485 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.

Power Supply and Loxone Link

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

This folder is a part of the product!



For additional information,
visit www.loxone.com/help/rs485

