Technical Specifications

Power supply	9 ... 28VDC
Power consumption	max. 60mW
Interface	Schüco unit bus: for integration of max. 30 devices max. 500 m 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)
Safety rating	IP20
Dimensions	35.5x88x57mm / 1.4x3.46x2.24" (LxWxH)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

Schüco unit bus

Wire cross-section	0.8mm² / AWG18
Stripping length	7mm / 0.28"
Temperature resistance	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL

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V040820

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Schüco Extension

Part No: 100457

About the product

The Loxone Schüco 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.

All GND connections must be connected together.

Power Supply and Loxone Link

Wire cross-section	0.25 ... 0.8mm² / 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, declaration of confirmity, visit www.loxone.com/help/schueco

Schüco Device

A
B
GND

twisted pair cable

Schüco Device

A
B
GND

Schüco

B GND A

Power Supply
+24V GND

Loxone Link
BU WH

GND
A
B