Technical Specifications

Power supply	9 ... 28VDC
Power consumption	typ. 0.25W
Digital inputs	20 digital inputs
	logic 0: 0 ... 7.1VDC undefined: 7.1 ... 9.7VDC logic 1: 9.7 ... 28VDC (Ri=67kOhm)
	useable as frequency counter: max. frequency: 250Hz min. pulse width: 2ms Accuracy: + - 1Hz
Interfaces	Loxone Link: connection with Miniserver
Power loss	max. 0.50W
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.

Power Supply & Loxone Link

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

Digital inputs

Wire cross-section	0.14 ... 0.5mm² / 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**

V220524

DI Extension

Part No.: 100283

UK CA CE

About the product

The Loxone DI Extension has 20 digital inputs for devices that provide volt free contact closures, such as switches, push-buttons and other sensors. The inputs can also be used as frequency counters for signals up to 250Hz. This product is designed for the use in smart home and similar non-safety critical applications.

Features

• 20 digital inputs
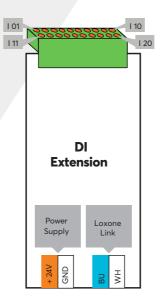• frequency counter

Installation

The installation of this device must be carried out by a qualified individual. The device must also be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the warranty of the device may be affected. Mount the DI Extension on a DIN rail. Connect SELV, Loxone Link and digital inputs.

Attention: Terminate the last Loxone-Extension at the Loxone-Link with a 120Ω resistor (Included with the Miniserver). After the installation has been completed turn on the power supply and configure the device in the usual simply way using the free configuration tool Loxone Config.

This folder is a part of the product!

⚠ For additional information, declaration of conformity, visit www.loxone.com/help/di_extension

I 01
I 02
I 03
I 04
I 05
I 06
I 07
I 08
I 09
I 10

I 01   I 10
I 11   I 20

DI Extension

Power Supply | Loxone Link

+ 24V | GND | BU | WH

I 11
I 12
I 13
I 14
I 15
I 16
I 17
I 18
I 19
I 20