dormakaba

Contents

1 About this document

1.1 Content and purpose

This document describes the mounting of the SLON-UP module (SafeRoute® Local Operation Network for DIN rail mounting).

1.2 Target group

This document is intended for assembling technicians and specialists authorized to carry out installation by dormakaba.

1.3 Other applicable documents

- Instructions for devices intended for networking

1.4 Symbols used

Components may be damaged by electrostatic discharge. Ground your own body before touching a component!

2 Safety

2.1 Intended use

SLON-UP modules are used to integrate dormakaba control modules into LON networks.

2.2 Personnel qualification

Mounting may only be carried out by persons authorized by dormakaba.

3 Product description

The SLON UP module is a network adapter for networking dormakaba control modules. The LON application is loaded in the module ex works. The control, parameterization and visualization for the connected devices is carried out via TMS Soft®.

Network variables
The assignment of network variables (binding) can be linked to other sensors/actuators (including external systems). Commissioning takes place with a commissioning tool (e.g. OpenLNS Commissioning Tool).

3.1 LED display

The LED lights up and flashes red. When the service button is pressed, the LED lights up green.

LED on —— LED flashes - - - - LED off ——

Module is not configured/ no application loaded	——
Module is not configured/ application is loaded	- - - - - - - - - - - -
Module is fully configured	——

SLON-UP

Mounting instructions

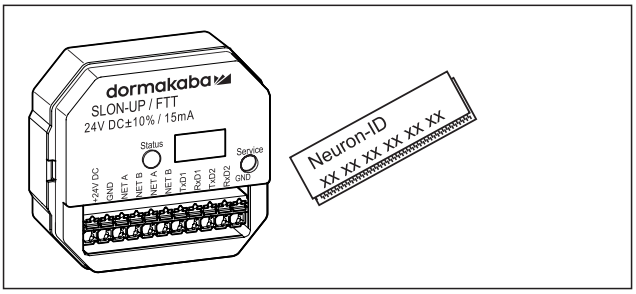
WN 059728 45532 – 2019-07

EN

3.2 Technical information

Supply voltage:	24 V DC +/- 15 %
Power consumption:	15 mA
Ambient temperature:	-10 °C to +55 °C
Rel. humidity:	up to 93 % (non condensing)
Protection class:	Dependent on the housing used

3.3 Parts included



4 Mounting

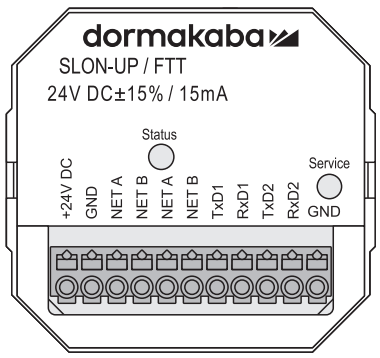
The mounting takes place in installation boxes with a minimum depth of 42 mm (recommended 62 mm). The fixing in the housings' mounting space, e.g. STL-G terminal housing, is carried out by means of the enclosed adhesive strips.

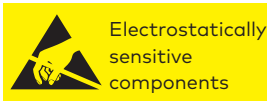
4.1 Prerequisites for mounting

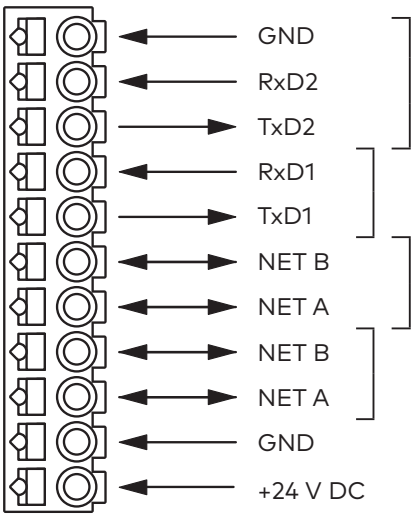
Prerequisite for mounting is compliance with the LON specifications regarding transceivers, network topology, network lengths, cable specifications, etc.

- To avoid condensation, modules that have been stored at very different temperatures must be adjusted to the operating temperature before commissioning.
- The modules' assembly location must be selected so that the modules' ambient temperature range is maintained and any heat generated can be dissipated.
- A minimum distance of 200 mm to high-energy sources of interference, e.g. frequency converters, is recommended.
- If tools for network management are already used in the network, any potential conflicts must be identified and excluded before connecting further tools.

4.2 Assignment of terminals and buttons







RS232 port, e.g. for another dormakaba control module (max. 15m)

RS232 port, e.g. for a dormakaba control module (max. 15m)

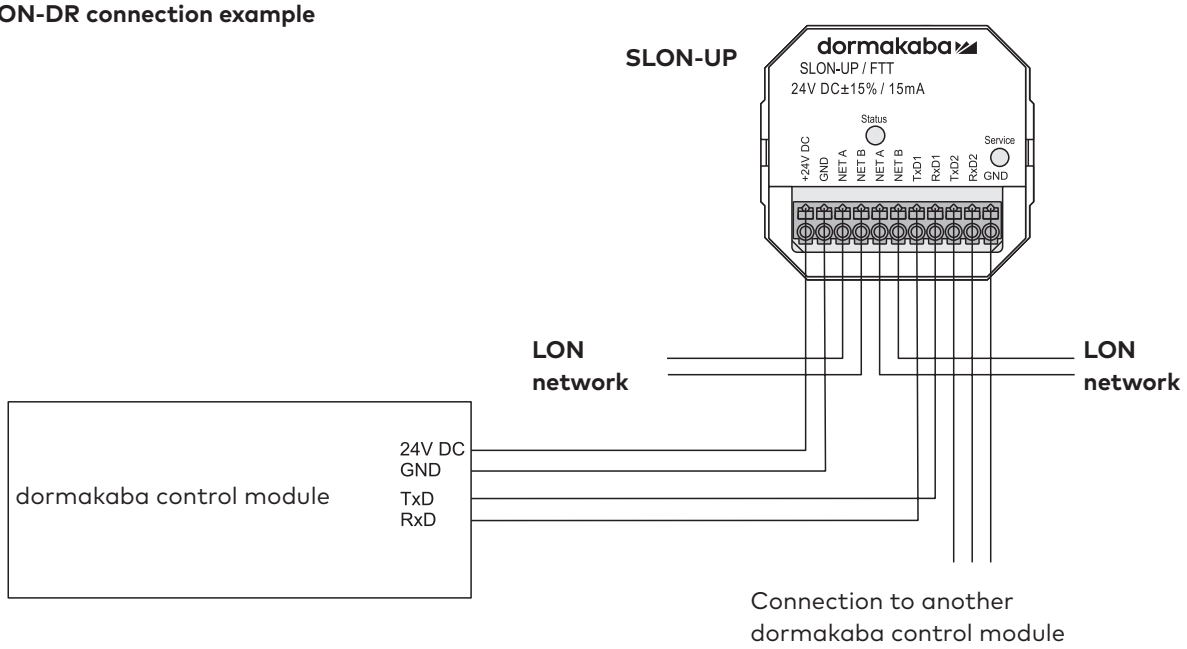
LON bus FTT

LON bus FTT

Stabilized power supply, input

Status LED	Status display (see also Chap. 3.1)
Service	Service button (Neuron ID is sent)

SLON-DR connection example



5 Disassembly, recycling and disposal

Disassembly is carried out in the reverse order of mounting and must be carried out by qualified personnel.

The product must be disposed of in an environmentally friendly manner. Electrotechnical parts and batteries must not be disposed of as domestic waste. Dispose of electrotechnical parts and batteries in the designated acceptance and collection points. Refer to the statutory regulations for your country.

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