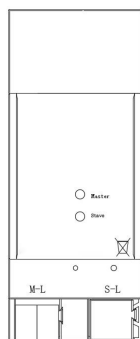
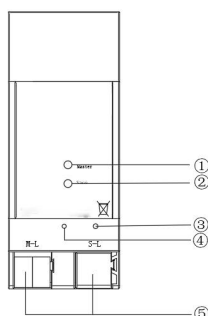


BCK-CLCB-0601 Line Coupler



Interface Description



1. Main Line Communication Light
2. Sub line Communication Light
3. Programming Button
4. Programming Mode Light
5. KNX Main Line and Sub line Port

Technical Specifications

- KNX voltage: 30VDC
- KNX current: $\leq 10\text{mA}$
- Operating temperature: -5°C to $+45^{\circ}\text{C}$
- Operating humidity: 5% to 95%RH

Description

Line coupler provides a data connection between two independent KNX sub lines while also providing electrical isolation between them.

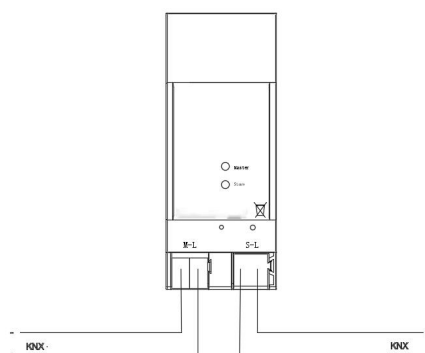
The line coupler can be used as a sub line coupler, main line coupler, or line repeater.

The coupler provides a filter table that allows all group telegrams listed in the table to be transmitted according to the predefined route; otherwise, they are blocked, thereby reducing bus load. The filter table is automatically generated by the ETS software tool based on the commissioned system.

Installation Instructions

1. Pull down the clip
 2. Secure the device onto the DIN 35mm rail
 3. Push the clip back to firmly fix the module onto the DIN 35mm rail
- ⚠ Warning: Do not use excessive force to pull down the clip, as this may easily damage it
- ⚠ During installation and removal, ensure the device is powered off

Connection



- ETS Download: Press the device programming button. When the programming indicator light stays solid red, it indicates the device has entered the ready-to-program state

Note: Ensure that the KNX red and black wires are correctly connected before powering on.

Dimensions

