KNX Line Coupler with Data Secure and proxy function [SCN-LK001.03]

MDT line coupler for connecting two KNX bus segments. The device increases fail-safety by electrically separating the bus segments. The integrated filter function reduces the bus load to the telegrams required in the KNX line. The line coupler supports KNX Data Secure and can be used as a segment coupler in a line. With Secure proxy function.

SCN-LK001.03S

Properties

- Line coupler to connect two KNX Bus areas
- KNX Data Secure
- Segment coupler functionality (as of ETS 6)
- With KNX Secure Proxy function (as of ETS 6)
- Fast application download
- Supports extended group addresses
- Reliability through galvanic isolation of the KNX lines
- Separate bus power supply required for each line
- Filter function to reduce the Bus load

Segment coupler functionality

The device can alternatively be used as a segment coupler to extend an existing KNX TP line.
In segment operation, the physical address range of the line is retained. To reduce bus load, telegrams are only forwarded between the line and the segment if they are relevant for the segment, based on the filter table automatically generated by the ETS.

KNX Secure Proxy function

The KNX Secure proxy function translates communication between KNX Secure and non-secure lines or areas. KNX Secure features are added to or removed from the telegrams depending on the subnet to which they are forwarded. This allows new KNX Secure lines to be combined with existing KNX lines.

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