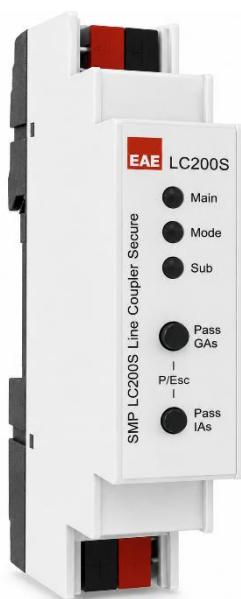


General Description

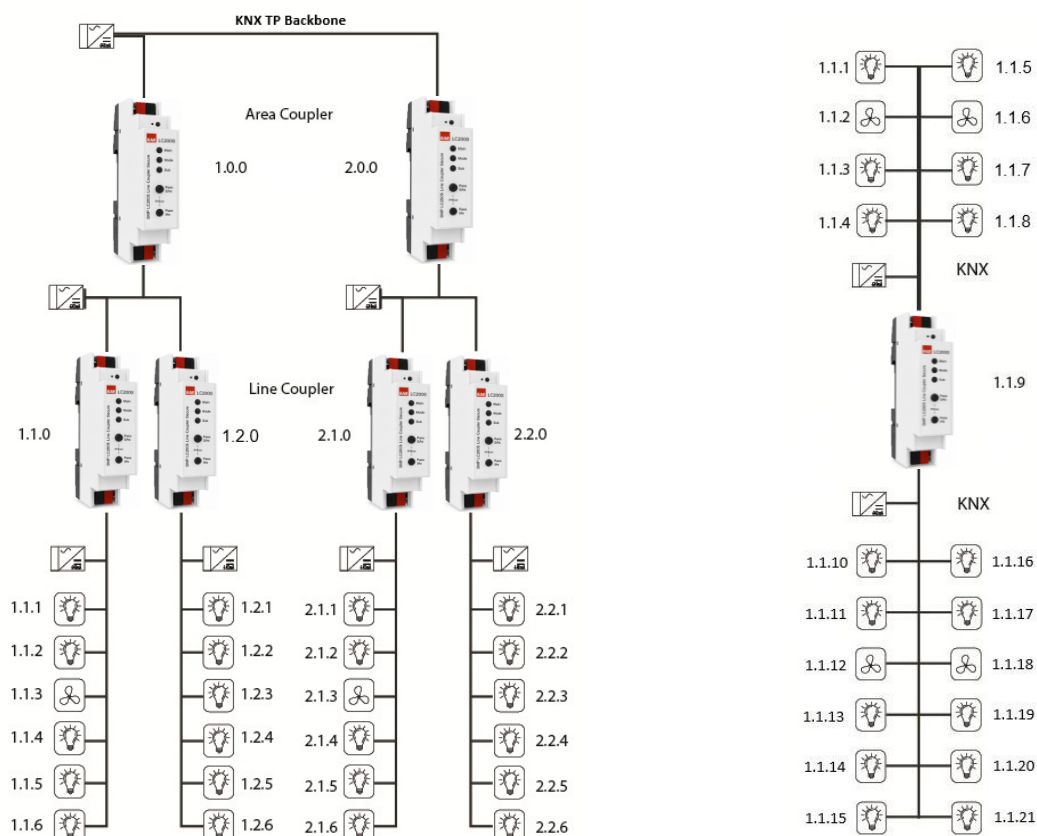


- The LC200S is a KNX line coupler in a compact design. It connects two KNX bus segments (for example, a KNX line with a KNX area)
- The device has an extended filter table for main group 0...31 and ensures a galvanic isolation between the lines.
- The coupler supports KNX Data Security and KNX Long Frames.
- It is compatible with the ETS® software ETS 5 or higher. The functionality of Security Proxy and Segment Coupler is only supported with the ETS 6 database.
- The buttons on the front panel allow disabling the telegram filter for testing purposes. The LEDs indicate operating conditions as well as communication errors on the KNX bus.
- The device is powered directly via the KNX bus (no additional power supply required).

Technical Data

Protection Type	IP 20	EN 60529
Safety Class	III	IEC 61140
Power Supply	Voltage	21...30V DC, SELV
	Current Consumption	KNX main line approx. 5 mA KNX sub line approx. 3 mA
Connections	KNX TP Main Line	Bus connection terminal
	KNX TP Sub Line	Bus connection terminal
Operating Elements	2 buttons and 3 LEDs (multicolor) KNX programming button with LED (red)	
KNX	Medium IP/TP KNX Security (AES-128) (incl. Security Proxy) KNX Segment Coupler Extended filter table for main group 0..31 Buffer: 2 x 50 telegrams Max. APDU length: 233 Device model: 0x0912	
Installation	1 unit (18 mm) DIN rail mount	
Temperature Range	Operation	-5° C + 45° C
	Storage	-25° C + 70° C
Humidity	%5 to 93 % non-condensing	
Dimensions	-H x W x D	90 mm x 18 mm x 60 mm
	Width W in mm	18 mm (1 module)
		Mounting depth 58 mm
Weight	40 g	
Box	Plastic (PC)	
CE	in accordance with:	
	• EMC directive 2014 / 30 / EU	• EN 63044-5-3: 2019
	• RoHS directive 2011 / 65 / EU	• EN 61000-6-2: 2019
	• EN 63044-3: 2018,	• EN 61000-6-3: 2021
	• EN 63044-5-1: 2019	• EN 63000: 2018
	• EN 63044-5-2: 2019,	

Connection Example



LC200S Area Coupler and Line Coupler

LC200S Segment Coupler / Line Repeater

Scale Drawings

