



General Description

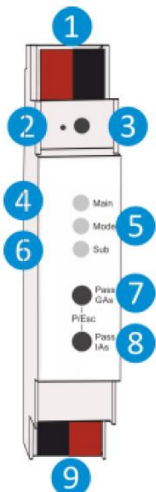
- The EAE LC200 Line Coupler connects two KNX segments (for example, a KNX line with a KNX area). It has a very compact design.
- The device has a filter table (8K bytes) for main group 0..31 and ensures a galvanic isolation between the lines.
- The coupler supports KNX longframes and is compatible with the ETS® software (ETS4.2 or higher).

- The buttons on the front panel allow disabling the telegram filter for testing purposes.
- The LEDs indicate the operating status and communication errors on the bus.
- The power is supplied via the KNX bus (main line).

Technical Data

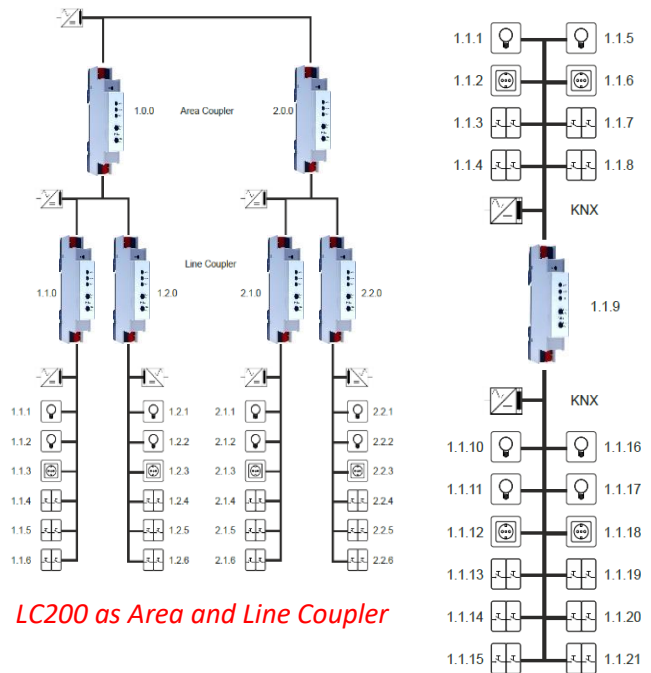
Protection Type	IP 20	IEC 60 529
Safety Class	III	IEC 61140
Power Supply	Voltage	21...30V DC, SELV
	Current Consumption (main)	< 5 mA
	Current Consumption (sub)	< 3 mA
Connections	KNX Line (main)	Bus connection terminal
	KNX Line (sub)	Bus connection terminal
Operating Elements	Function button, programming button, LEDs	
Installation	35mm DIN rail mount	EN 60 715 TH 35-75
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 W x 70 mm
	Width W in mm	18 mm (1 module)
		Mounting depth 64 mm
Weight	40 g	
Box	Plastic PA66 housing grey	
CE	in accordance with EMC and low voltage directives.	

Device Peripherals

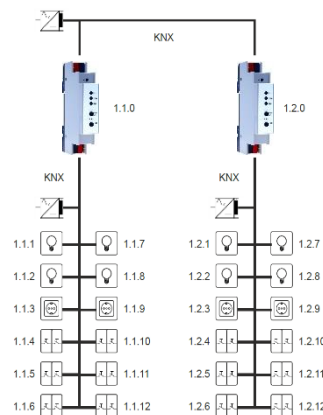


1	KNX bus connector (main line)
2	Programming LED
3	Button func. programming mode
4	KNX LED (main line, multicolor)
5	Mode LED (multicolor)
6	KNX LED (sub line, multicolor)
7	Button „Pass GAs“
8	Button „Pass IAs“
9	KNX bus connector (sub line)

Functions



LC200 as Area and Line Coupler



LC200 as Repeater

LC200 as Line Coupler

Commissioning

Determination of the physical address and setting of parameters are actualized with Engineering Tool Software (ETS4 or higher). “.knxprod” file must be imported to the ETS.

i A detailed information about parameter configuration can be found in Product Manual of device.

! Installation and commissioning of device may only be implemented by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- When connecting the device make sure that the device can be isolated!
- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device out of the specified technical data which is stated.
- The device may only be operated in closed enclosures (Distribution boards)

Cleaning

If device becomes dirty, only a dry cloth can be used for cleaning. It is not suitable to use wet cloths, caustics and solvents.