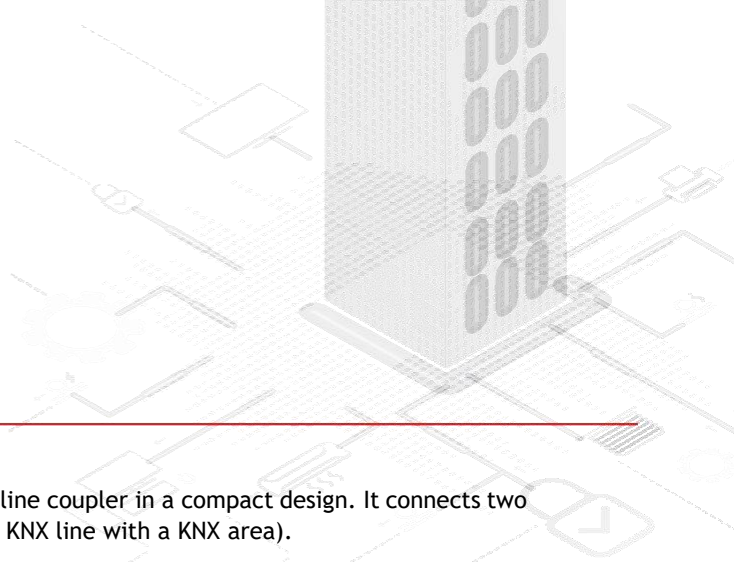# Datasheet LC200
EAE KNX Line Coupler
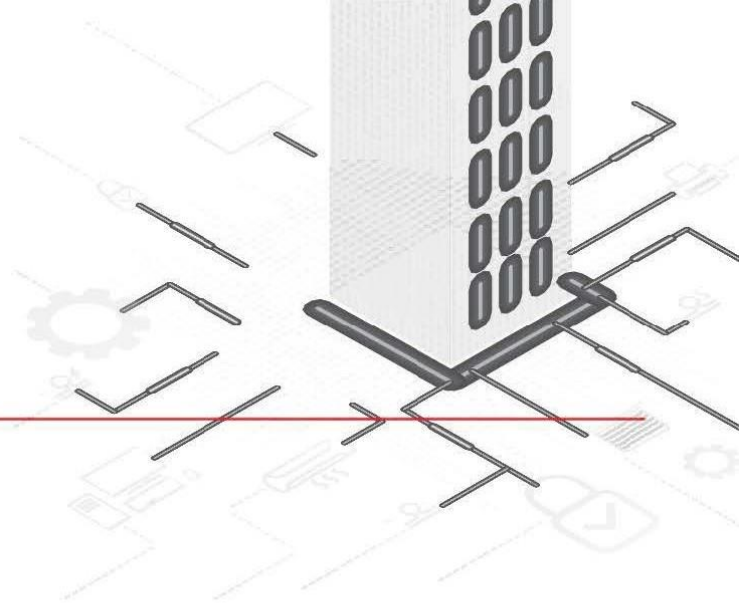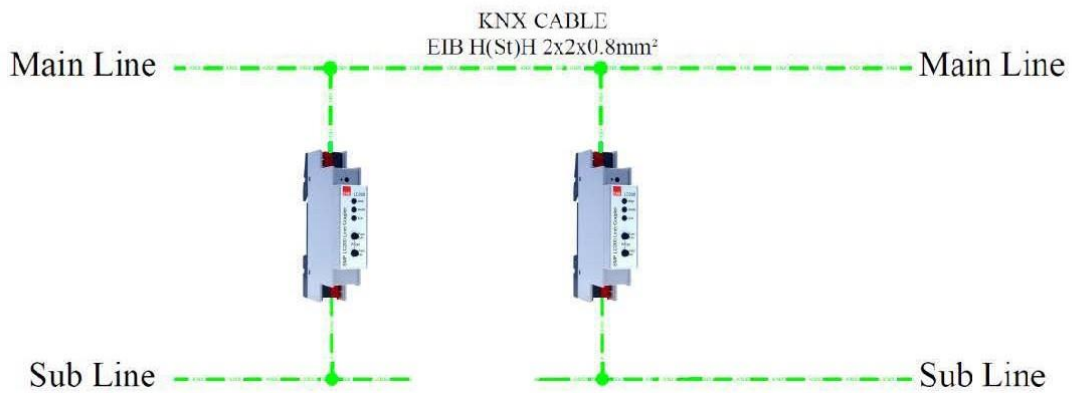
All you need is EAE

General Description

- The KNX LineCoupler 200 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 longframes and is compatible with the ETS® software (ETS 4.2 or higher).

- 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 power is supplied via the KNX bus (main line).

Technical Data

Power supply :	- Bus	DC 21...30V SELV
	- Current consumption from KNX **main line**	5 mA
	- Current consumption from KNX **sub line**	3 mA
Connections	- KNX Main Line	Bus connection terminal
	- KNX Sub Line	Bus connection terminal
KNX	- Medium TP/TP	
	- Extended filter table for main group (0 ...31)	
	- Max. APDU length: 55	
	- Device model: 0x0912	
Display elements	- LED for programming mode (red)	
	- LED Main Line (multicolor)	
	- LED Mode (multicolor)	
	- LED Sub Line (multicolor)	
Operating elements	- 2 Function button and programming button	
Installation	- DIN rail mount	
Type of protection	- IP 20	EN 60 529
Temperature range	- Operation	-5°C + 45°C
	- Storage	-25°C + 70°C
Humidity		%5 to 93 % non-condensing
Dimensions	Width W in units (18 mm modules)	
Weight	40 g	
Box	Housing: Plastic (PC)	
CE	▪ EMC directive 2014 / 30 / EU ▪ RoHS directive 2011 / 65 / EU ▪ EN 63000: 2018 EN 63044-3: 2018	▪ EN 50491-5-1: 2010 EN 50491-5-2: 2010 EN 50491-5-3: 2010 ▪ EN 61000-6-2: 2019 EN 61000-6-3: 2007 + A1: 2011

R1.0

Connection   Example

KNX CABLE
EIB H(St)H 2x2x0.8mm²

Main Line — Main Line
Sub Line — Sub Line

Scale Drawing

Prog. KNX

EAE LC200

Main
Mode
Sub

Pass
GAs
P/Esc
Pass
IAs

SMP LC200 Line Coupler

KNX
Subline

0,2 mm
1 mm
3,3 mm
4,6 mm
9,2 mm
13,8 mm
13,8 mm
4,6 mm
3,9 mm
62,8 mm
0,4 mm
15,7 mm