

## MX-LC100 - LINE COUPLER



### MX-LC100 LINE COUPLER



## General Features

- MX-LC100 is able to filter the traffic according to the installation place in the bus system hierarchy or according to the built in filter tables for group oriented communication.
- Galvanically isolated KNX bus lines.
- Bus status (traffic, errors, filter) on each line are accurately shown by six bicolor LEDs.
- MX-LC100 supports long telegrams and features an configurable "Manual Function" that can be activated by a single button press.
- Configurable one-button activation for special functions, e.g. transmit all group telegrams (useful during commissioning, automatic reset after a dedicated time, max. 8h).
- MX-LC100 can be configured as line repeater for extending KNX lines above standard limits.



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### Technical Data

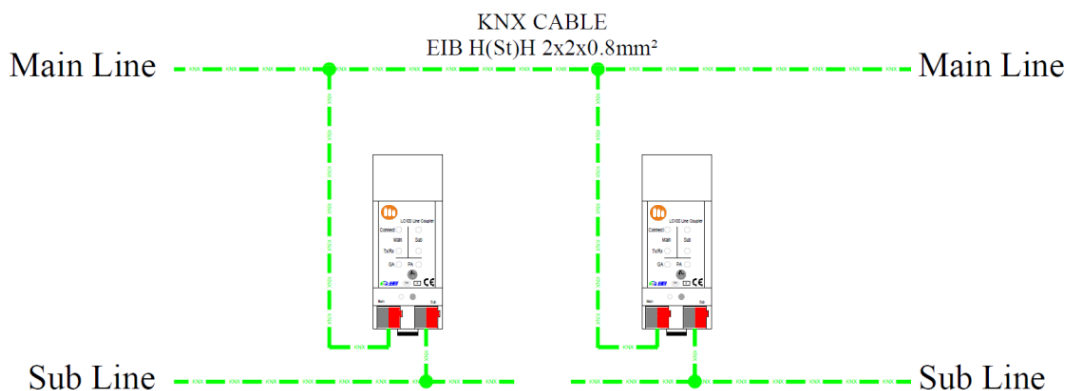
<b>Protection Grade</b>	IP 20	EN 60 529
<b>Safety Class</b>	III	IEC 61140
<b>Power Supply</b>	Bus	DC 21...30V SELV
	Current consumption from KNX	< 10 mA
<b>Connections</b>	KNX Main Line	Bus connection terminal
	KNX Line	Bus connection terminal
<b>Display elements</b>	LED Power LED Main Line-OK LED Main Line-RX/TX LED for programming mode	LED Error LED Sub Line-OK LED Sub Line-RX/TX
<b>Operating Elements</b>	Function button, programming button	
<b>Installation</b>	35mm DIN rail mount	EN 60 715 TH 35-75
<b>Degree of Pollution</b>	2	IEC 60664-1
<b>Overvoltage class</b>	III	IEC 60664-1
<b>Temperature Range</b>	Operation	-5° C + 45° C non-condensing
	Storage	-20° C + 60° C
<b>Humidity</b>	%5 to 93 % no moisture condensation	
<b>Dimensions</b>	-H x W x D Width W in mm Width W in units (18 mm modules)	90 mm x W x 70 mm 36 mm 2 modules Mounting depth 64 mm
<b>Weight</b>	62 g	
<b>Material</b>	Plastic PA66 housing grey	
<b>CE</b>	in accordance with EMC and low voltage guidelines Device complies with, EN 50090-2-2, IEC 60664-1	



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### Connections



### Scale Drawing

