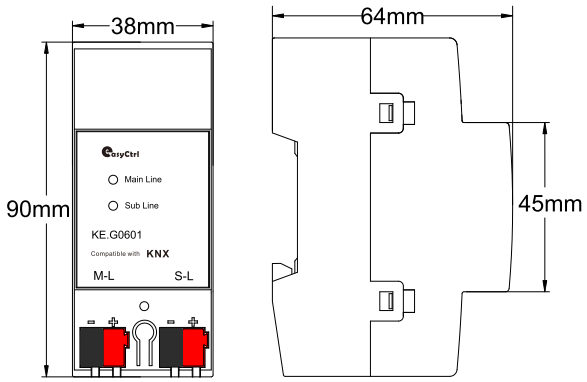
KNX Line Coupler

Datasheet

KE.G0601

Dimension



Function

The KE.G0601 Line Coupler is a modular installation that combines the functions of a KNX Line Coupler and a KNX Line Repeater. As a Line Coupler it connects the main line to a trunk line or to a regional line; as a Line Repeater it enables more than 64 devices to be connected to a single bus; electrical isolation can be provided in this way.

Usually the coupler recognizes only the telegrams in its path. Parameter message recognition parameters in the two lines to confirm the setting of separate.

(1) Line coupler: its physical address is X.Y.0 (X=0--15, Y=0-15) i.e., there can be up to 15 main lines;

(2) area coupler: its physical address is X.0.0 (X=0-15) i.e. there can be up to 15 main lines and up to 15 branches under each main line;

(3) Repeater: its physical address is X.Y.Z (X=0~15, Y=0~15,Z=1-255) i.e. one branch line with up to 256 devices;

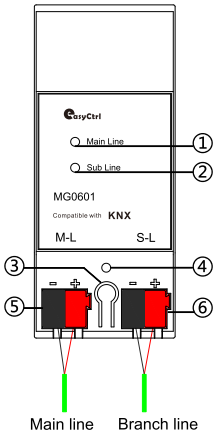
Parameters

Main Line Input:	21-30 VDC
Branch Line Input:	21-30 VDC
Bus current:	≤ 10mA
Working power:	≤ 300mW
Connection:	Main / branch EIB bus connection terminals;
Shell material:	PA66
Dimensions:	90mm x 38mm x 64mm
Weight:	About 0.08kg
Installation:	35mm DIN
Operating Temperature:	-5°C...+45°C
Storage Temperature:	-25°C...+55°C
Transportation Temperature:	-25°C...+70°C
Relative humidity:	Max 90%

Noted

As a coupler, the KE.G0601 whether as a line coupler, area coupler or repeater, each line begs for its own KNX power supply.

Wiring



① Main Line Indicator, normally lit means that the main line is connected normally, blinking means that the main line is communicating;

② Sub Line Branch Line Indicator, blinking means that the branch line is communicating;

③ Programming Buttons, the buttons are used to enter/exit the KNX Programming Mode;

④ Programming Indicator, the indicator is lit in red means that it is in the Programming Mode;

⑤ KNX main line terminal, to connect the KNX main line, using standard KNX terminals;

⑥ KNX branch line terminal, to connect the KNX branch line, using standard KNX terminals.

hstallation

The device is installed in the distribution box and can be installed on the 35mm DIN rail of DIN EN 60715 standard. In order to facilitate the rapid installation of the device in the distribution box, it is necessary to ensure that the operation, testing, inspection and maintenance of the device.

Safe use and maintenance

(1) Read all instructions carefully before use.

(2) Create a well-ventilated environment.

(3) During use, pay attention to moisture, shock and dust prevention.

(4) Do not expose to rain, other liquids or corrosive gases.

(5) If the machine is damp or invaded by liquid, it should be dried in time.

(6) If the machine fails, please contact professional maintenance personnel or our company.