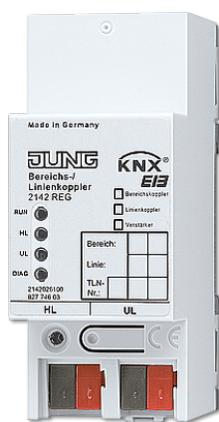# Product data sheet

Area / line coupler

Reference number
2142 REG

KNX area / line coupler

rail mounting device, 2 rail units
ETS product family: System components
Product type: Line coupler

- KNX Data Secure compatible with ETS 5.7.3 or higher

Function
The coupler connects two KNX data lines and ensures the electrical isolation between these lines. The definite functions of the device are defined by addressing and parameterisation.
Line coupler
Connection of a line with a main line. Alternatively with or without filter function. The coupler belongs logically to the subordinate line (here: line).
Area coupler
Connection of a main line and an area line. Alternatively with or without filter function. The coupler belongs logically to the subordinate line (here: main line).
Amplifier
Preparation and repetition of telegrams on a line, no filter function. Division of a line into max. 4 independent line segments (max. 3 line amplifiers connected in parallel per line). Each line segment requires a separate power supply including a choke.

Technical data

KNX medium:	TP 256
Power supply:	DC 21 ... 32 V from superordinate line
Current consumption	
superordinate line:	approx. 6 mA
subordinate line:	approx. 8 mA
Connection mode:	connection terminal
Mounting:	on DIN rail
Ambient temperature:	−5 ... +45 °C
Storing temperature:	−25 ... +70 °C
Protection class:	III acc. EN 61140
Mounting width:	36 mm (2 rail units)