

Kbox-LGE Gateway

KNX Interface

kbox-LGE
LG VRF KNX Interface



Kbox-LGE is used to monitor and control all functions of LG VRF air conditioning devices with the KNX automation system.

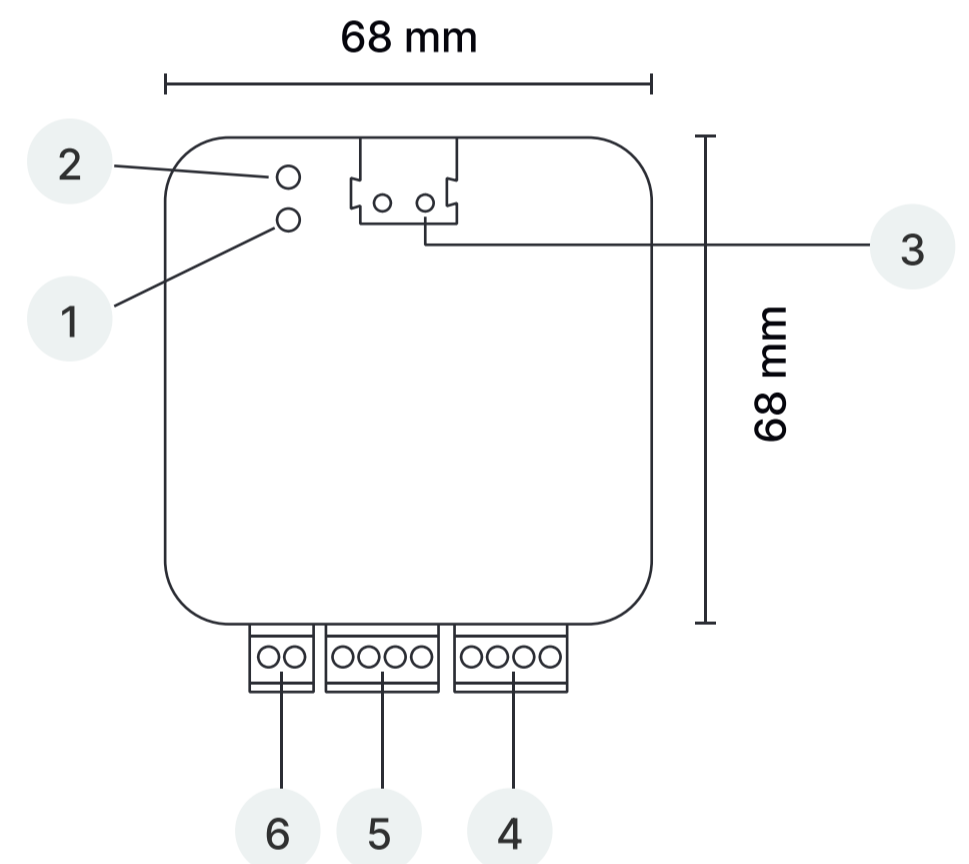
Kbox-LGE is compatible with all indoor unit models of LG VRF air conditioners that have BYR port.

Functions

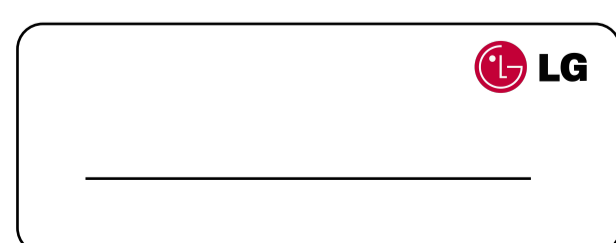
- Kbox-LGE device can provide bidirectional communication between LG VRF AC ↔ KNX bus.
- Main functions: On/Off, operation mode, temperature control, fan level control, vane position control.
- Enables the indoor ambient temperature measured by the room thermostat to be transmitted to the air conditioner.
- 3 digital input connections that can be integrated into the KNX Bus.

During installation, Kbox-LGE can be mounted inside the AC indoor unit by one side directly connected to the BYR port of the AC indoor unit and the other side connected directly to the KNX data bus.

Device	Kbox-LGE
Power Supply	EIB Power Supply
Current consumption	< 10mA
Inputs	3x Digital Inputs
Button	1x KNX Programming Button
Led Indicator	1x KNX Programming LED
Protection Type	IP 20
Operating Mode	S Mode
Maximum Humidity	<90RH
Temperature	Operating (-10°C... 70°C) Storage (-25°C... 90°C)
Color	Black
Dimensions	66 × 21,5 × 66 mm (WxHxD)
AC Connection Port	BYR
Configuration	Configuration with ETS



- 1- Programming Button
- 2- Programming LED
- 3- KNX Connection Connector
- 4- BYR
- 5- Digital Inputs
- 6- N/A



BYR {

