Bosch Commercial & VRF systems to KNX Interface



Item number: INKNXACA001I000

The Bosch-KNX interface allows full bidirectional communication between Bosch Commercial and VRF systems and KNX installations. It connects directly to the indoor unit and delivers complete interoperability with KNX.

Bosch to KNX - 1 indoor unit

Features and benefits

- **ETS configuration**
  The interface is configured using the ETS standard configuration tool software.
- **Multiple energy efficiency functions available**
  Timeout, open window, or occupancy energy-saving functions are available to reduce energy costs.
- **Total unit control and monitoring from KNX**
  Through internal variables, running hours counter (for maintenance purposes), and error indication.
- **Compact dimensions, allowing inside installation**
  The interface can be quickly installed inside the AC unit thanks to its reduced dimensions.
- **Compatible with all KNX thermostats in the market**
  All the required DPT objects to be compatible with all KNX thermostats in the market are available.
- **Smooth KNX thermostat integration**
  KNX thermostats are allowed to control the AC unit via the thermostat's temperature sensor.
- **AC unit control by both remote controller and KNX**
  The AC unit can be simultaneously controlled by the manufacturer's remote controller and KNX.

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General

Net Width (mm)	71
Net Height (mm)	71
Net Depth (mm)	27
Net Weight (g)	80
Packed Width (mm)	64
Packed Height (mm)	92
Packed Depth (mm)	120
Packed Weight (g)	100
Operating Temperature °C Min	0
Operating Temperature °C Max	60
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Power Consumption (W)	5.8
Input Voltage (V)	29 VDC
Power Connector	2-pole
Configuration	ETS
Capacity	1 Indoor unit.
Installation Conditions	This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit.
AC Model Compatibility	Commercial AC & VRF systems

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General

Content of Delivery	Intesis Gateway, Installation Manual.
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard

Identification and Status

Product ID	INKNXACA001I000
Country of Origin	Spain
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

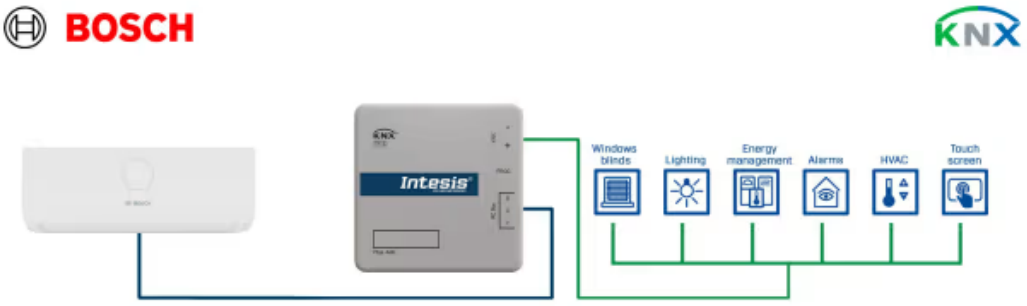
Physical Features

Connectors / Input / Output	KNX, HVAC port.
LED Indicators	KNX

Certifications and Standards

ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.