



NIBE heat pumps to KNX

Item number: IN790ATW100A000

This gateway enables full monitoring and control of NIBE heat pumps from KNX TP systems, in residential and commercial building automation projects.

NIBE heat pumps to KNX – up to 5 units and 100 points

Features and benefits

- ✓ **Preconfigured templates**
Eliminate manual mapping to reduce engineering time and configuration errors.
- ✓ **Specific signals for NIBE accessories**
Include connected accessories in your project, such as pool heating, 4-pipe cooling, photovoltaic systems, and multi-climate control.
- ✓ **Customizable extra signals**
Add up to five specific signals to cover custom integration requirements.
- ✓ **High capacity and system compatibility**
Integrate up to five heat pumps, including mixed models and different energy sources (air-source and ground-source).
- ✓ **Designed in collaboration with NIBE and certified by UL and BTL**
Ensure reliability in professional building automation environments.
- ✓ **Error and runtime monitoring**
Prevent system downtime and extend the overall lifespan of the NIBE system.



General

Capacity	Up to 100 points
Net Width (mm)	88
Net Height (mm)	90
Net Depth (mm)	58
Net Weight (g)	194
Packed Width (mm)	127
Packed Height (mm)	86
Packed Depth (mm)	140
Packed Weight (g)	356
Operating Temperature °C Min	-10
Operating Temperature °C Max	60
Power Consumption (W)	1.7
Configuration	Intesis MAPS
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	This product is compatible with ground- and air-source NIBE systems, with a capacity of up to five NIBE units and 100 communication registers.
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status

Product ID	IN790ATW100A000_KNX_NIB
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Identification and Status

Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

Physical Features

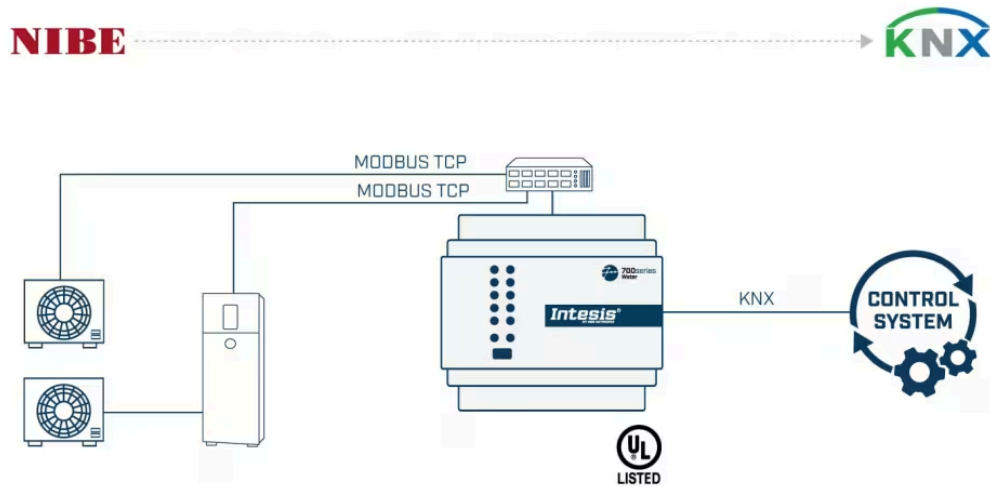
LED Indicators	Gateway and communication status.
Push Buttons	Factory reset.
Contains Battery	Yes

Certifications and Standards

Product Certifications	CE, CB, UKPSTI, UL, KC
WEEE Category	IT and telecommunications equipment



Use Case



Integration example.



BACnet and KNX support, configured via Intesis MAPS templates