

HORIZENTIS

DECLARATION OF CONFORMITY

Manufacturer: Horizontis Teknoloji Elektronik A.S.
Battalgazi Mah. Incecay Sok. No:7/8
Sultanbeyli, Istanbul 34935
Turkiye

Product Name: LG VRF AC - KNX Gateway
Model Number: HTKNXLGV001

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

- Electromagnetic Compatibility Directive (2014/30/EU)
- Low Voltage Directive (2014/35/EU)
- RoHS Directive (2011/65/EU)

The following harmonised standards have been applied:

- EN IEC 61000-6-3:2021 — EMC emission (residential/light industrial)
- EN IEC 61000-6-2:2019 — EMC immunity (industrial)
- EN IEC 62368-1:2023 — Safety of ICT and communication equipment
- EN IEC 60335-1:2023+A11:2023 — Safety of household and similar appliances — General requirements
- EN IEC 60335-2-40:2024+A11:2024 — Particular requirements for air conditioners
- EN 62233:2008 — EMF evaluation for household appliances
- EN 50491-2:2010 — General requirements for HBES/BACS — Environmental conditions
- EN IEC 63044-3:2018 — General requirements for HBES/BACS — Electrical safety

Product Description:

The HTKNXLGV001 is a communication gateway device designed to integrate LG VRF air conditioning systems with KNX-based smart building automation systems. The device is powered directly from the KNX line (30 VDC) and provides full electrical isolation between KNX and AC control lines.

Place of Issue: Istanbul, Türkiye

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Signed by:

Ömer Faruk Cebir

General Manager

Horizontis Teknoloji Elektronik A.S.

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