

Variable speed drives  
**Altivar 21**  
Stimulate your HVAC  
*solutions!*



For 3-phase asynchronous motors from 0,75 to 75 kW

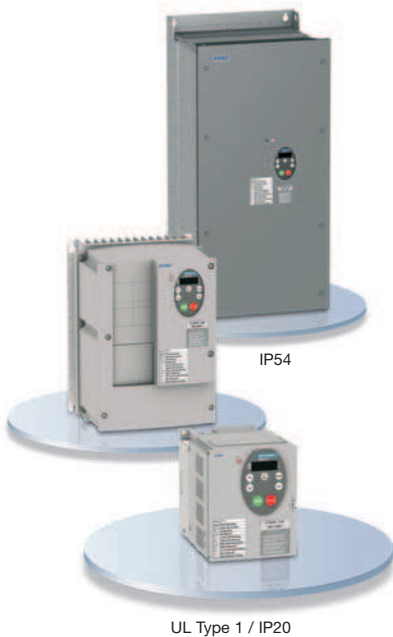
## Simply Smart!

Leverage  
**ingenuity**  
and intelligence  
for **ease of use**

# The *essential connection* between you and your HVAC applications!

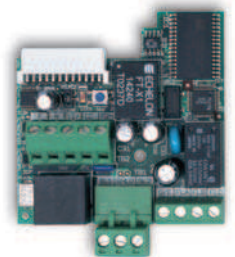
Thanks to this new range of drives **specifically for HVAC applications**, you can focus on the essentials and avoid the superfluous:

- **Economical**, it is specially designed to optimise your needs. IP54 product with EN 55011 class A or B (IEC/EN 61800-3) **integrated EMC filters**.
- **Simple** “plug and drive” usage, the **Altivar 21** enables immediate start-up following its initial connection. Pressing the “LOC/REM” button provides access to the local controls for testing your application.
- **Compact**, it easily integrates in your machines and can be mounted side by side.

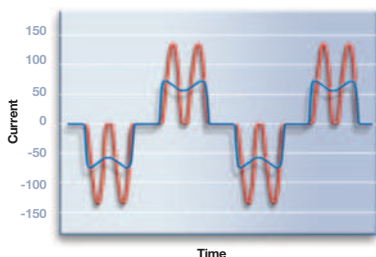


The **Altivar 21** simplifies **integration** in your building management systems:

- Its option cards enable you to connect to the main types of communication bus used in building management (LonWorks, BACnet, METASYS N2 and APOGEE FLN).
- Its design complies with international standards and certifications: CE, UL, CSA, C-Tick...



Reliable and robust, the **Altivar 21** **makes life simpler**:



- Its “harmonic less” technology provides **immediate hassle free operation**, without having to add specialised devices for treating the harmonics (DC choke, AC choke): THDI < 30% (IEC 61000-3-12 < 48%).
- Its usage you with **peace of mind**: adaptive tuning of ramps and motor power supply to optimise energy consumption.
- Its remote terminal increases **user-friendliness**:
  - auto-tuning of functions
  - downloading and saving of configurations.

