

Noise-free operation in all conditions

The fan control logic function only allows the internal fans to be activated when the inverter is enabled, to eliminate resonance and noise in the cabin.



Integrated quality

The AVRy integrates devices that are essential to guarantee the highest standards in terms of product quality and operation. These include the **input choke and the mains filter**, which ensure compliance with EMC EN12015 - EN12016.

Universal mechanical structure

The extremely reduced depth is compatible with all installation requirements, from traditional systems to roomless lift applications.

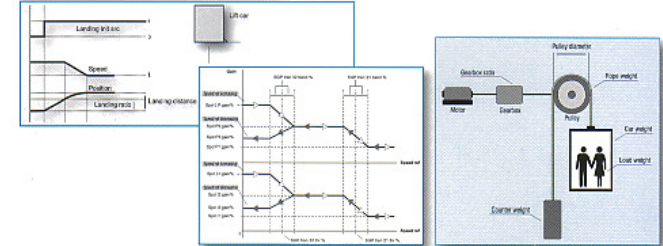
Options

The AVRy can manage optional DIN rail-mounted expansion cards such as fieldbus and I/O.



Dedicated functions

- Lift sequence
- Parameters in linear units
- Mechanical lift parameters
- Ramp generation
- Multi-speed
- Pre-torque
- Automatic calculation of stopping distance with direct floor approach
- Intuitive programming menu



Fast Access

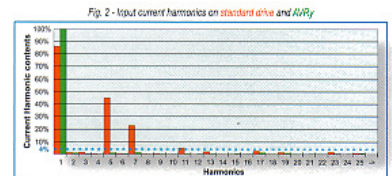
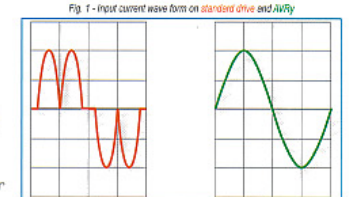
The drive features an extremely user-friendly design. It is built for **fast, simple management**, from installation in the **lift shaft to accessing the extractible terminal strips and shielding systems** for grounding cables.



"Clean Power" Technology

The drive incorporates the most advanced technological solutions for motor control and maximum mains and power supply efficiency.

- THD <4% and Unit power factor



Gestione Encoder

The AVRy manages a wide range of encoders to guarantee the highest standard of **comfort and precision** for all lift systems.

- 3-channel sinusoidal incremental encoders + 3 Hall sensors for absolute position detection
- 3-channel sinusoidal absolute encoders + 2 SinCos absolute position traces
- Sinusoidal absolute encoders with 2 SinCos absolute position channels

Cables shield

OMEGA clamp to grounding 360° of shielded cables.

Serial Line

Standard integration of the RS485 serial line with Modbus RTU protocol for peer-to-peer or multidrop connections.

Back-Up Power Supply

The AVRy guarantees operation even in the event of a power failure:

- regulation card back-up via external + 24V DC power supply
- automatic return-to-floor function managed by an external device such as UPS or buffer battery via a single-phase 230V AC power supply