

MAKING MODERN LIVING POSSIBLE



VLT® Lift Drive

Flexibility, confidence and reliability for the long haul



www.danfoss.com/liftdrive



TRUST THE DRIVE EXPERTS

With over 1 million drives produced every year, you can trust our tried and tested technology and rely on our solid production capacity.

This makes it easy for you to modernise your existing system or OEM solution with the confidence that you're getting a future proof solution that keeps on delivering.

With standard or custom products we can always provide the ideal lift drive for your project. Because our reputation is based on reliability we test our drives like no-one else: Each single unit is factory tested for up to 45 minutes at full load before it is dispatched, so you can be confident that your system will simply keep on running with the minimum amount of service when others have reached the end of the line.

Flexible - ideal for new projects or refits

Designed for all motors and grid voltages a VLT® solution is suitable for both rope and hydraulic elevators in open or closed loop systems. Fitting all common feedback systems, they are swift to commission with just 10 parameters, in "lift language".

Performance – smooth, silent and safe

Absolute safety is standard with all VLT solutions and comfort is our highest priority. With a high switching frequency, specially controlled internal cooling fan and no motor contacts, you won't replace mechanical noise with "electrical noise" when you install a VLT.

Reliability – we won't let you down

The VLT®Lift Drive is designed to deliver a high lifetime. With short circuit and earth fault protection on output and automatic reduction of switching frequency in high temperatures, a VLT solution is designed to safely handle the unexpected.





YOU KNOW THE LIFT, WE KNOW THE BUILDING

You have already experienced Danfoss drives: We are present in almost every building, supermarket or factory you've ever been in. We are the drive specialists. Now we're bringing our expertise to elevators and escalators.

Building

- Circulation pumps
- Ventilation fans
- Compressors
- Solar inverters
- Lift drive

Supermarket

- Evaporator
- Cooling Fan
- Condenser
- Compressor
- Solar inverters
- Escalator drive

Street

- Water supply
- Water treatment
- Wastewater plants
- Desalination
- Wind





The drive experts for lifts and escalators

From harsh Arctic marine applications to the punishing demands of the South East Asia textile industry, Danfoss drives deliver. With the VLT® Lift Drive you get exactly the same reliability and performance that has made us the global leaders in drives for the last 50 years.

Danfoss frequency converters are known as one of the most innovative and reliable drives worldwide. The outstanding quality standards and performance of our drives make them perfect for the demanding elevator and escalator market.

With the addition of dedicated VLT® Lift Drive to our portfolio, you can be confident that you get the most flexible, highest performing lift drive solutions backed up by a world of drives experience.

Flexible - ideal for new projects or refits Intelligent and innovative

Tomorrow's features are developed in parallel using dedicated technology platforms. This reduces time to market and ensures that you always get the benefit of the latest features.

Rely on the experts

The fact that we develop and produce our own features, hardware, software, power modules, printed circuit boards, and accessories is your guarantee of reliability.

Local backup – globally

VLT® motor controllers are operating in applications all over the world and Danfoss VLT Drives' experts located in more than 100 countries are ready to support you with application advice and service wherever you may be. We won't stop until your drive challenges are solved.

Environmentally responsible

VLT® products are manufactured with respect for the safety and well-being of people and the environment. Danfoss adheres to the UN Global Compact on social and environmental responsibility. All factories are ISO 14001 certified, and products fulfil the EU Directives for General Product Safety, RoHs and WEEE directives.



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