

**OVER 70 000
UNITS SOLD IN THE
AIRPORT SECTOR**

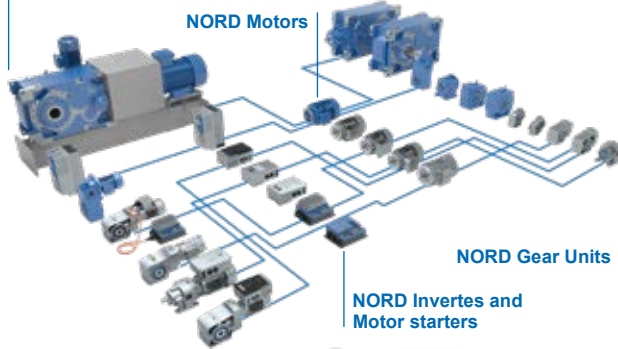


Intelligent Drivesystems | Worldwide Services

LogiDrive

THE IDEAL SOLUTION FOR INTRALOGISTICS AND AIRPORT APPLICATIONS

NORD Drive Solutions



ENERGY-EFFICIENT

- Compliance with the most stringent specified efficiency regulations
- Considerable reduction of TCO
- High efficiency, even in partial load and at low speeds due to PMSM technology

REDUCTION OF VARIANTS

- Standardisation of geared motors for intralogistics and airport demands
- Easy Engineering
- Easy Selection
- Large speed range through inverter technology

SERVICE AND MAINTENANCE FRIENDLY

- Considerable reduction of stock keeping
- Service friendly through plug-and-play technology
- Compact, space-saving design
- 25% weight reduction with "lightweight" aluminium housing
- Replacement of individual drive components possible

GLOBAL PRESENCE

- NORD DRIVESYSTEMS is represented in 98 countries throughout the world.
- Global production, assembly, service and sales network

NORD DRIVESYSTEMS Group

Headquarters and technology centre
in Bargteheide, near Hamburg

Innovative drive solutions
for more than 100 branches of industry

Mechanical products
Parallel, helical, bevel and worm gear drives

Electrical products
IE2/IE3/IE4 motors

Electronic products
centralised and decentralised frequency inverters and motor starters

7 production locations with cutting edge technology
for all drive components

Subsidiaries and sales partners in 98 countries on 5 continents

provide local stocks, assembly centres, technical support and customer service

More than 3,600 employees throughout the world
create customised solutions.

www.nord.com/locator

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Member of the NORD DRIVESYSTEMS Group



**ENERGY EFFICIENT
STANDARDISED
SERVICE FRIENDLY**



THE DRIVE SOLUTION FOR INTRALOGISTICS AND AIRPORTS

LogiDrive

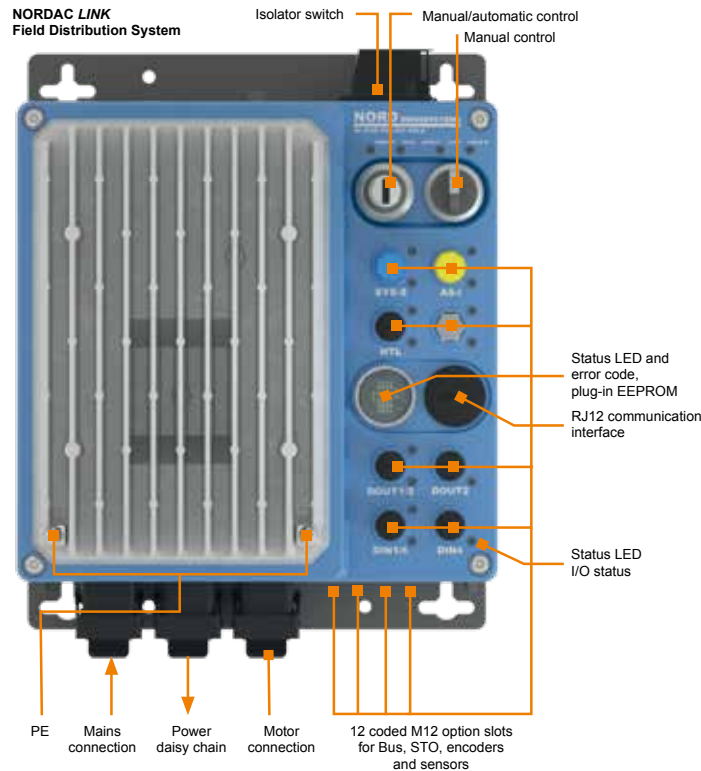


- High-efficiency 2-stage bevel gear unit
- IE4 PMSM synchronous motor
- Power plug connector
- M12 connectors
- Incremental encoder
- Pre-assembled cables
- High overload capacity
- Hollow shaft diameters standardised

The LogiDrive solution from NORD DRIVESYSTEMS reduces engineering and commissioning effort:

- NORD inverters for intralogistics and airport applications control with synchronous and asynchronous motors.
- Easy engineering with the same housing dimensions on synchronous and asynchronous motors.

COMPARISON		
Motor frame size	IE3 asynchronous	IE4 synchronous
Size 80	0.75 kW	1.1 / 1.5 kW
Size 90	1.1 / 1.5 kW	1.5 / 2.2 / 3.0 kW
Size 100	2.2 / 3.0 kW	3.0 / 4.0 / 5.5 kW

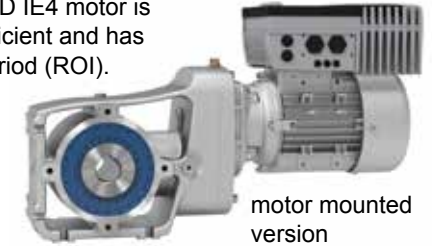


The field distributor NORDAC LINK up to 7.5 kW

- Internal or external brake resistor
- External 24V DC power supply for the control board. This ensures the same potential for all drive units.
- The drive units can be accessed via the bus even without the 400V mains voltage, as the control board remains active due to the 24V DC supply.
- Decentralised installation
- Plug-in EEPROM
Data can be transferred if servicing is required.

THE IE4-DRIVE ENERGY EFFICIENT

The usage of IE4 synchronous motors minimises overall life cycle costs. The NORD IE4 motor is considerably more efficient and has a shorter pay back period (ROI).



Efficiency rate of partial load and partial speed

