

### Energy efficient IE5

- ▶ Through compliance with the most stringent specified efficiency regulations
- ▶ Considerable reduction of TCO
- ▶ High efficiency, even in partial load ranges and at low speeds thanks to PMSM technology

### Variant reduction

- ▶ Standardisation of geared motor versions specially tailored to intralogistic and airport technology
- ▶ Easy Engineering
- ▶ Easy Selection
- ▶ Large speed range through inverter technology

### Service and maintenance friendly

- ▶ Considerable reduction of spare part stocks
- ▶ Service friendly through Plug-and-Play technology
- ▶ Compact, space-saving design
- ▶ Weight reduction with lightweight aluminium housing
- ▶ Replacement of individual components possible

### Global presence

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

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Member of the NORD DRIVESYSTEMS Group EN – S5200 Part No. 6091202 / 4021



IE5  
**LogiDrive**<sup>®</sup>

**Energy efficient**  
**Standardised**  
**Service friendly**

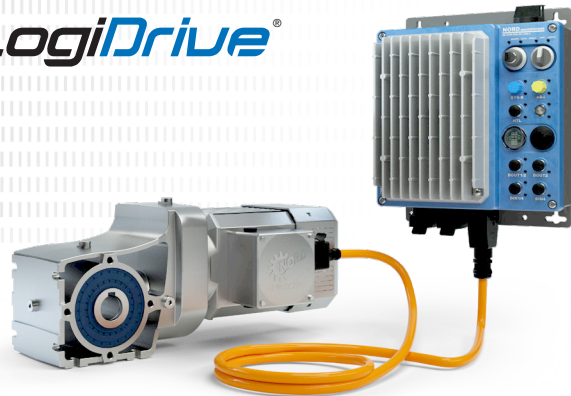
For post/parcel and airport technology

# NORD DRIVESYSTEMS NORD LogiDrive







The ideal solution for intralogistics and airport technology

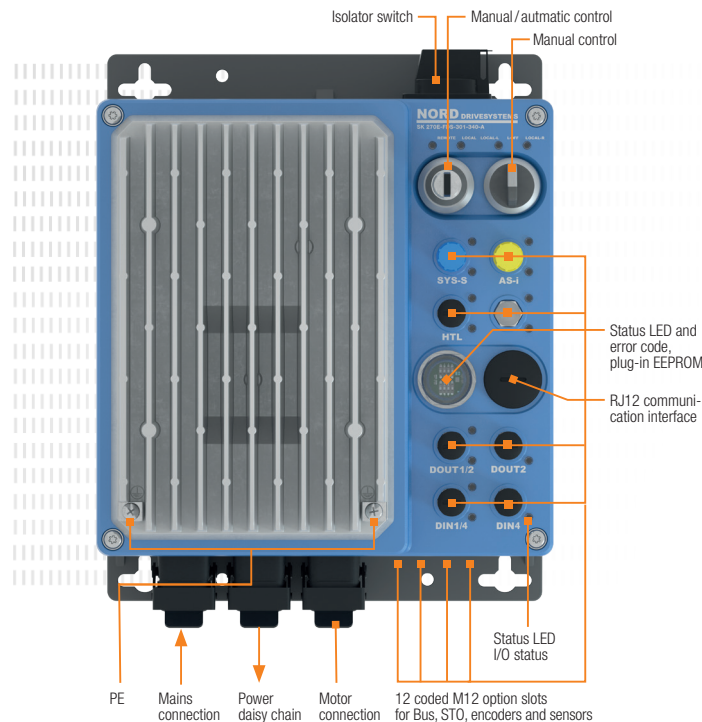
**LogiDrive**



- ▶ Highly efficient 2-stage bevel gear unit
- ▶ IE5+ PMSM synchronous motor
- ▶ Power plug connector
- ▶ Signal connector
- ▶ Incremental encoder
- ▶ Pre-assembled cable
- ▶ High overload capacity

## Wall mounted frequency inverters

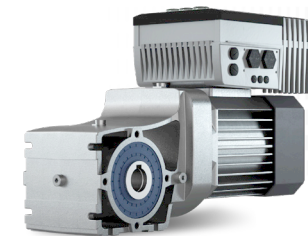
Frequency inverters	Motors	Motor power[kW]
 NORDAC LINK	 PMSM – IE5+	0,35 – 4,0
 NORDAC FLEX	 PMSM – IE5+	0,35 – 4,0



## NORDAC LINK field distribution system (SK 250E)

- ▶ Internal or external braking resistor
- ▶ External 24V supply for the control board, thereby the drive units can be accessed via the bus even without the 400V AC mains voltage.
- ▶ Decentralised installation
- ▶ Plug-in inverter
- ▶ Plug-in EEPROM  
Data can be transferred if servicing is required.

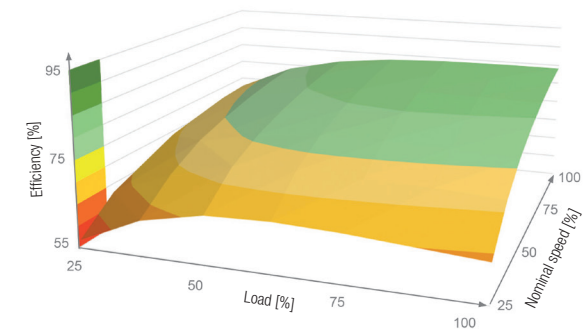
## IE5+ drive unit energy efficient



Alternatively available as motor mounted version

Use of IE5+ synchronous motors minimises the costs over the entire service life. NORD IE5+ motors achieve considerably greater efficiency and a fast return on investment (ROI).

## IE3 drive units (Asynchronous technology)



## IE5+ drive units (PMSM technology)

