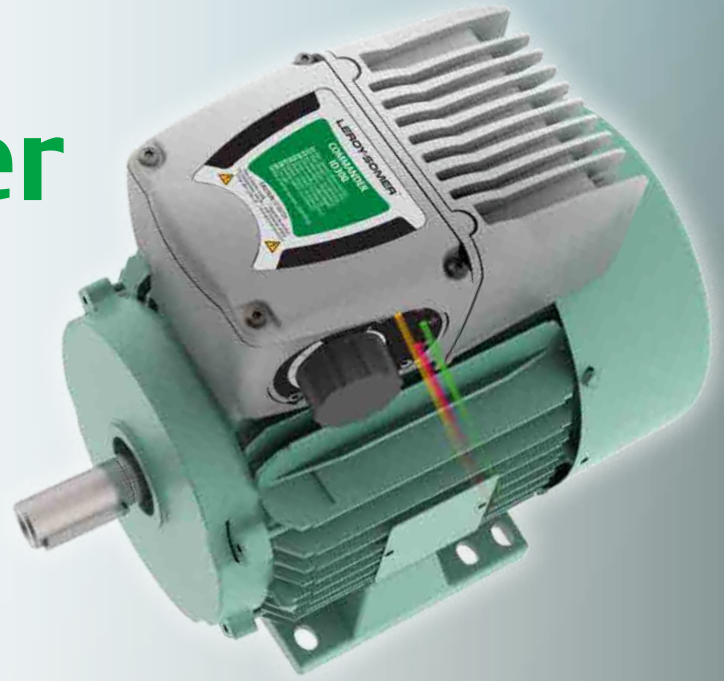


# Commander ID300



## New integrated drive for IMfinity® motors Decentralised drive system, combining performance and quality

Although the transition to 4.0 is under way, the industry is evolving in an increasingly complex and demanding environment.

For this, it is necessary to respond to the main strategic challenges for companies such as quality, risk management, equipment performance and compliance to standards.

Our recognised expertise in drive systems combined with our support to users or manufacturers allows us to respond with customised solutions in the demanding fields of Process and Manufacturing.

### Commander ID 300: integrated drive for IMfinity® motors

The Commander ID300 is the new optimised integrated drive solution for controlling IMfinity® induction motors from 0.25 to 7.5 kW, which can be combined with our FFB brake and gearbox ranges.

The motor and drive package offers strong dynamic performance and the highest efficiency of the system classification IES2 (EN 61800-9-2).

### Commander ID300 offers several advantages:

- **Highly reliable design:**
  - latest generation of electronic components for power and control
  - robustness and high reliability proven mechanical construction

- **Safety features for machines and processes:**

- onboard safety functions for compliance with SIL3/PLe
- a worldwide service organisation (*Express Availability*, 2-year warranty, before and after-sales support)

- **Optimised machine performance:**

- onboard PLC for real-time task automation programs
- module for fieldbus communication
- integrated pump application (constant pressure regulation with management of safety devices and starting of back-up pumps)
- optimum efficiency across the whole speed range

- **Ease of use for optimised operation:**

- intuitive and ease of use, set up and configuration
- products and services ideal for OEMs
- a single manufacturer solution, ensuring optimum operation

- **A world-class product for universal use:**

- designed as standard for industrial environments (IP55)
- compliant with latest energy efficiency standards
- certified product (CE, UL, Tüv, RoHS, etc.)

**LEROY-SOMER**™

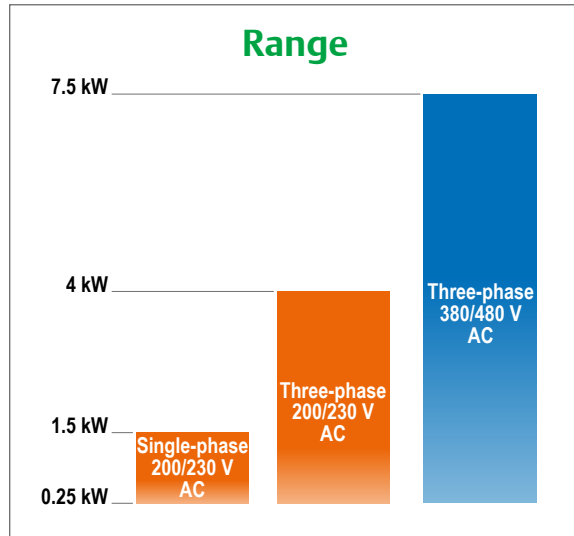
**Nidec**  
All for dreams

# Commander ID300

Commander ID300 integrates many functionalities to meet specific requirements of the applications.

- **Simplifying the setup:**
  - Keypads for ease of commissioning and programming
  - full software suite for setting saving parameters and diagnostics
- **Optimizing the application:**
  - integrated PLC and pump function

- fieldbus with fast-on connectors and uninterruptible 24 V
- Clip-on power connectors
- filters suitable for industrial or domestic environments
- 2 x STO inputs - safety features according to EN13849-1 (PL) and IEC/EN62061 (SIL)
- braking resistors
- drive fan
- brake control card



**Options**

**Communication**

- SI-EtherCAT
- SI-PROFIBUS
- SI-Ethernet
- SI-I/O
- SI-DeviceNet
- SI-CANopen
- SI-PROFINET RT

- Fast-on connectors
- LEDs & connecting flanges
- RTC remote control or ID-size keypad
- Machine control studio
- CT SCOPE
- ID300 CONNECT
- CT COMMS CABLE

**FREE Software**

CE UL RoHS Compliant TÜVRheinland Precisely Right. SIL3 Safety Integrity Level Ple

**LEROY-SOMER**™

**Nidec**  
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