



A-2

Intelligent vector control

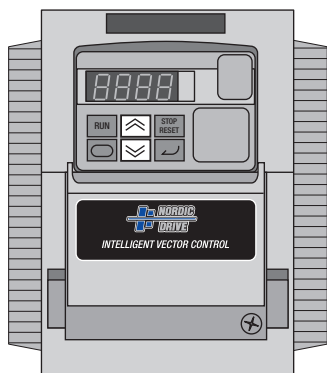
NORDIC® DRIVE



The all new generation Vector-control for automatic doors, designed for intensive operation, allowing cycle times down to 10 seconds.

Intelligent PLC control that automatically programs and optimizes the Vector-motor control for different drive conditions, speeds etc. No frustrating stepping through long lists of programs.

As always when looking at NORDIC products, the NORDIC DRIVE has a very robust design with very few wear parts. NORDIC DRIVE A-2 is therefore extremely easy to install, service and maintain. No special program module is needed. Start-up is easily made with the help from the graphical display mounted in the front of the control box.



In the control, all status information and history about use, down times etc. is stored. The control is easily updated with new functions by an optional memory card.

The drive unit is available in two sizes:

FL 50 – 1.1kW

FL 75 – 1,5kW

The robust drive unit has its pulse coder mounted in a roller bearing in gearbox.

The control can communicate with various industrial networks like Profibus, Profinet IO, Ethernet, etc.



For further information, please contact NORDIC door.



NORDIC DRIVE A-2

specifications:

- Power supply 1x230V, 16A
- Control box in powder coated grey steel
- Control box size 240x600x240mm

The following functions are standard:

- Variable speed up to 2.5m/s
- Variable closing speed up to 1m/s
- Soft start/ soft stop
- Supervised safety edge
- Automatic closing
- Emergency stop
- Forced closing
- Display with touch control in the front of the control box.

The following information is available in the control:

- Safety edge status
- Safety photo cell status
- Total number of cycles
- Service intervals
- Faults indications

Optional software for the following functions is available:

- Supervised safety photo cell
- Traffic light control (with alternative functions)
- Interlocking
- Remote control with position indication
- Automatic time closing with direct closing after passage
- Two alternative opening levels

Optional hard ware:

- UPS battery module for emergency opening
- Radar motion detectors
- Radio remote control
- Loop control
- Inverter for 400V power supply

For further information, please contact NORDIC door.