

NICE900 Door Machine Integrated Controller



Power Rating

- 200W, 400W, 750W,
- 1 Phase, 220V-Input supply 50Hz/60Hz
- 3 Phase, 220V-Output motor supply

Applications

- Lift car door
- Subway car door
- And various door control applications

Applicable Motor Type

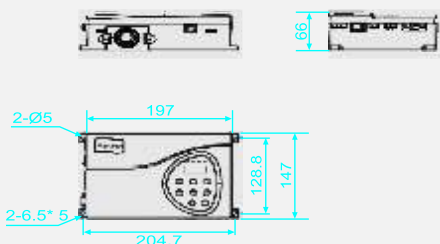
- Asynchronous motor
 - a. Open loop vector control
 - 1. Without encoder (using slow down, end stop limit switches)
 - 2. Low PPR encoder (Minimum 10 PPR)
 - b. Closed loop vector control
 - 1. with encoder feedback (512 to 10000 PPR)
- Synchronous motor
 - Closed loop control with ABZ encoder

NICE900 is a compact, simple to use and cost effective integrated controller specially designed for various car door controls such as lift door and subway car door. It drives both asynchronous and synchronous motors (without encoders) and supports speed control mode and distance control mode (with encoder).

Technical Features

- Excellent Performance based on advance vector control technology
 - 1. Motor parameter auto-tuning
 - 2. Enhanced accuracy control via innovative sync machine angle identification technology
 - 3. Outstanding encoder original point identification technology, adaptable to general ABZ incremental encoder.
 - 4. Adopt best quality advance devices on NICE 900 integrated controller like latest 32bits DSP, up to 150 Mhz
- Compact Design: 2 in 1, an integrated controller with both controller and inverter functions, which is applicable to both asynchronous and synchronous motors
- Simple to Use and Easy to install: On board keypad for simple set up and maintenance

Physical Dimensions:



1. NICE-D-A-SOP2: 0.2kW
2. NICE-D-A-SOP4: 0.4kW
3. NICE-D-A-SOP7: 0.75kW

NICE - D - A - S OP2

Aonurh® NICE Series

Dedicated Door Drive

Housing Enclosure Type

A: Plastic



Motor Power

OP2: 200W

OP4: 400W

OP7: 750W

Voltage Rating:

S: Single Phase 220V

220V Single Phase Drive Ratings (-15% to 20% : Øph, 187Vac to 264Vac)

Model	Input Current (A)	Output Current (A)	Nominal Power (W)	Output Voltage (V)	Output Frequency (Hz)
NICE-D-A-SOP2	2.7	1.3	200	0 ~ 220	0 ~ 99
NICE-D-A-SOP4	5.4	2.3	400		
NICE-D-A-SOP7	8.2	4.0	750		