

NEW



ARKEL

REINVENT THE GEARED CONTROL



ARKEL
ARBOXX

MONOBLOCK LIFT CONTROL UNIT

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ARBOXX Technical Specifications

Model	3P4AS10A-15	3P4AS14A-15	3P4AS17A-15	3P4AS26A-15
Input Supply	AC 3PH, 340-420V, 50/60Hz			
Motor Type	Asynchronous			
Motor Output	AC 3PH, 0-400V, 0-100Hz			
Motor Nominal Current (Inom)	10A	14A	17A	26A
Motor Max Current (<6s)	20A	28A	34A	52A
Brake resistor	50R/1kW	50R/1kW	50R/1kW	40R/1kW
ARD	60VDC Battery Supply / 220VAC Single Phase Line Supply Unit			
Landing (LOP) and Car (COP) Indicators	Parallel: 7 segment			
User Interface	Character LCD(4 lines 20 Character)			
Number of stops	Parallel: 6 Full Collective, 8 Down Collective			
Shaft Position System	Magnetic switches			
Collection Type	Single Button Single Direction, Single Button Both Direction, Double Button, Non-Collective Universal.			
Elevator speed	1.0 m/sec			
Door control	Single door			
Car travelling cable	Available with cost advantage. Only 17 cores flat cable is required.			
COP button connections	Parallel over EYL board on cartop			
LOP button connections	Parallel over ELK board in machine room			
Car Announcement system	Available (Inbuilt on EYL board)			
Inbuilt Motor Phase protection	Available			
Software update	Available			
Operational temperatures	0-50°C			

SILENT

COMPACT DESIGN

INNOVATIVE

DURABLE

EASY TO INSTALL

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ARBOXX combines VVVF drive unit, control board, rescue function and electrical components as a single monoblock lift control unit for geared openloop elevator.

ARBOXX perfectly meets your needs!

- ✧ Combines VVVF drive unit, control board, rescue function and other electrical components in a single monoblock unit
- ✧ No motor contactor, Noiseless installation (STO function)
- ✧ Small, lightweight and ready to install
- ✧ Decreased costs due to less travelling cable requirements
- ✧ Exclusively designed to work with asynchronous machines in open loop
- ✧ Reliable and industrialized
- ✧ Energy saving
- ✧ Rollback prevention at start through pre-torque and anti-rollback functions
- ✧ Static motor auto tune
- ✧ Single phase installation and motor drive capability
- ✧ Fire and evacuation function
- ✧ Firefighter mode
- ✧ Call cancel by double press
- ✧ Automatic, Semi automatic, Manual door options

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