

ALECTIS

Range of variable speed drives for AC motor

- Variable speed drives controlling synchronous or asynchronous motors
- Full range available from 40A to 500A
- Compact, discrete, flexible and adaptive

APPLICATIONS

Industrial or on-board applications
 Continuous network (236V_{DC} - 450V_{DC})
 Parametrable with PC
 Defects historization
 Connectivity to Ethernet network (PROFINET protocol),
 Other protocols available upon request



Alectis 40CA

INSTALLATION

IP54 cabinet (forced ventilation), 0°C < ambient T° < 55°C
 IP55 cabinet (water cooling), 20°C < water T° < 43°C

CONTROL AND COMMAND

Scalar control (U/f)
 Flux vector control:

- Sensorless
- With sensors (absolute encoder, incremental encoder, magnetic encoder, etc.), other sensors available upon request

PROTECTIONS

Motor protection (overtemperature, overcurrent, overspeed, I²t, etc.)
 Variable speed drive protection (input voltage and output current (I²t))

EFFICIENCY

>92%

INPUTS/ OUTPUTS

1 analog input
 8 On / Off logical I/O dedicated + 5 available
 7 preprogrammed speeds
 On-the-fly automatic recovery
 Programmable ramp rates
 Local/remote control
 In situ programming available



Alectis 500CE

ALECTIS MODEL	40CA	40CE	70CE	100CE	300CE	500CE
Output current	40A	40A	70A	100A	300A	500A
Cooling	Air	Water	Water	Water	Water	Water
Weight in kg	50	45	85	85	400	400
Height in mm	500	500	500	600	900	900
Width in mm	378	270	450	500	500	500
Depth in mm	300	300	350	400	650	650

Data are given by way of illustration and are liable to be modified without notice