

Active series

AC Drive

New Size 5 and 6



Main Software Features

- Programmable reference value channel
- Programmable start and stop characteristics
- Motor potentiometer
- Programmable S curve
- 4 data sets
- Auto start-up and commissioning,
- Auto reset after failure, Auto start after power failure
- PI controller
- Programmable logic and timer functions
- Volume flow control
- Bump-less torque / speed changeover
- Master / Slave function with electronic gear
- Enhanced positioning function
- Dynamic braking and motor chopper
- Mechanical brake control free of friction
- Index and stability control
- Intelligent current limits
- Power failure regulation
- Comprehensive monitoring and protection capabilities
- High speed control
- Function for lift, crane and winch applications

Power Range ACT400 SIZE 5, 6

22, 30, 37, 45, 55 kW
three-phase 320V ... 528V / 45 Hz ... 66 Hz

Type of Control

Selectable Vector control function:
sensor-less control, sensor-less field oriented control,
field oriented control with encoder

Overload Capacity

150% for 60s / 200% for 1s

Switching Frequency

2, 4, 8, 12, 16 kHz

Enclosure

IP20 (EN 60529)

Main Standard Hardware features

- Integrated dynamic braking module
- DC link connection
- Standard encoder interface
- Motor temperature monitoring
- Plug-in power terminals (up to 3kW)
- Plug-in and programmable control terminals
- 6 digital input, 1 multifunction input
- 1 digital output, 1 multifunction Output
- 1 relay output (changeover contact)

Optional Expansion Modules

- Expansion of analog, digital inputs and outputs,
- additional encoder or resolver input,
- repetition frequency output,
- System bus

Optional Communication Modules

RS232, RS485, Profibus-DP, CANopen

Optional Keypad

Removable keypad KP500 with copy function,
Cabinet mounting kit and handheld for keypad

Optional PC Software

VPlus for Windows operating system with set-up,
terminal monitor, actual value window,
scope function and teleservice