

## GA500 SERIES

# GA50CB018ABA

## AC Microdrives for Industrial Applications



The GA500 drive comes with valuable functions and smart features to provide benefits through the whole life cycle of a machine or installation. From drive selection, through design, installation, start-up or troubleshooting, the GA500 makes life easy.

## General Specifications

### Product Identification

Series	GA500 Series
Catalog Code	GA50CB018ABA

### Input Power

Input power supply	200 V
Input power phases	1-phase

# General Specifications

## Output Specification

Rated output current (HD)	17.6 A
Max. applicable motor power (HD)	4 kW
Rated Output Power (HD)	17.6 A
Overload Tolerance (ND)	110 % for 60 s
Overload Tolerance (HD)	150 % for 60 s

## Other Features

Motor type	Induction motor Permanent magnet motor Synchronous reluctance motor
Braking transistor	Built-in
Emc Filter	no
Standards compliance	cUL CE RoHS UL UKCA

## Environmental Specifications

Ambient Temperature (Min)	-10 °C
Ambient Temperature (Max)	50 °C
Ambient Temperature (Max) with Derating	60 °C
Humidity	95 %
Max. Altitude (without Derating)	1,000 m
Max. Altitude (with Derating)	4,000 m

## Specifications

Enclosure	IP20
Environmental Specifications	Standard

# General Specifications

## More

Cooling method	Air cooling
Safety Level	SIL3
Performance Level	PL e
Torque Control	Standard
Motor Thermal Protection	Standard
Max Output Frequency	590 Hz

## I/O built-in

Analog Input	2
Analog Output	1
Digital Input	7
Digital Output	3

# Product Dimensions

Height	128 mm
Width	170 mm
Depth	180 mm
Weight	2.9 kg