

GA500 SERIES

GA50CB012ABA

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	GA50CB012ABA

Input Power

Input power supply	200 V
Input power phases	1-phase

General Specifications

Output Specification

Rated output current (HD)	11 A
Rated output current (ND)	12.2 A
Max. applicable motor power (HD)	2.2 kW
Max. applicable motor power (ND)	3 kW
Rated Output Power (ND)	4.6 kVA
Rated Output Power (HD)	11 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	140 mm
Depth	163 mm
Weight	2.1 kg