

## 230 VAC G SERIES SERVOAMPLIFIERS

### EtherCAT INTERFACE - 30 Amp models

**FIVE DIGIT DISPLAY:** It allows to monitor in real time the amplifier status

**Fast Plug-in connector**

**PC CONNECTOR:** The amplifier can be set and monitored by SanMotion motor setup and a Personal Computer USB C 3.0 interface

**POWER CONNECTION:** 230 VAC, single-phase / three-phase;  
Built-in protection circuits against overload and input overvoltage

**EtherCAT INTERFACE CONNECTOR:** RJ45 - CAT5e

**CONTROL POWER SUPPLY CONNECTOR:** 230 VAC, single-phase;  
Regenerative resistor connector

**I/O CONNECTOR:** 7 inputs and 2 outputs  
Encoder output repetition **NEW!**

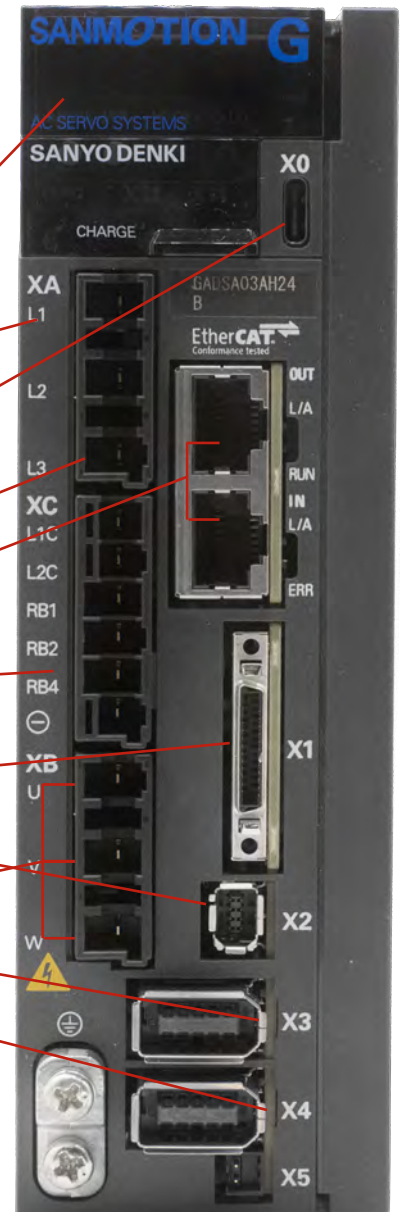
**SAFE TORQUE OFF - SIL3 PI=e CONNECTOR**



**MOTOR POWER CONNECTOR (U-V-W phases)**

**ENCODER CONNECTOR**

**SECOND ENCODER CONNECTOR** for external linear scale to avoid backlash



Model GADSA03AH24  
Dimensions: (50x160x130)

### MAIN FEATURES

- Safe Torque Off (STO) function - SIL3 [Performance Level - PL = E]
- Mode of Operations: Homing Mode, Profile Velocity Mode, Profile Position Mode, Profile Torque Mode, Cycle Sync Position Mode, Cycle Sync Velocity Mode, Cycle Sync Torque Mode
- One single amplifier size covers from 100 W to 1.5 kW motors
- XML file available
- Speed frequency response: 3.5 kHz  
1.6 time faster compared to previous generation

### TECHNICAL DATA

MODEL	GADSA03LH24	GADSA03AH24
CURRENT CAPACITY	30 Amp	
POWER SUPPLY VOLTAGE	Single-phase or three-phase (configurable by the user) 200VAC or 230 VAC (+10%, -15%) 50/60 Hz (± 3 Hz)	
CONTROL POWER SUPPLY	Single-phase from 200VAC to 230 VAC (+10%, -15%) 50/60 Hz (± 3 Hz)	
MAX COMPATIBLE MOTOR OUTPUT	1.5 kW	
REGENERATIVE RESISTOR	External (optional)	Built-in External (optional)
DIMENSIONS (mm)	50x160x130	
Mass (kg)	0.90 kg	

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G SERIES AC SERVOAMPLIFIERS - EtherCAT INTERFACE

