

# GAC Series Drives

**GAC** is the name of a series of bipolar chopper drives, suitable for driving two-phase stepping motors, with four, six or eight terminals.

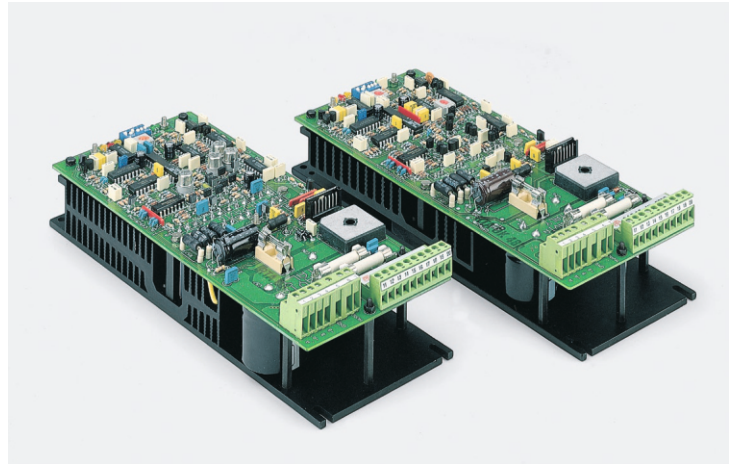
**GAC** drives are realized in 250 x 100 x 56 mm format and are equipped with built-in power supply, screw-type terminals and brackets for mounting simplicity inside electrical cabinets. Due to this, they are particularly suitable for stand-alone applications.

The wide range of current/voltage values optimizes the use of **GAC** series drives in a large number of applications, with a great variety of stepping motors.

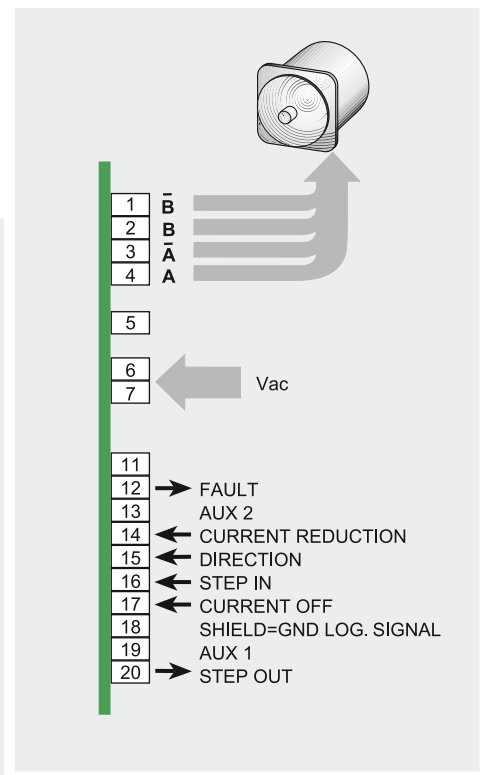
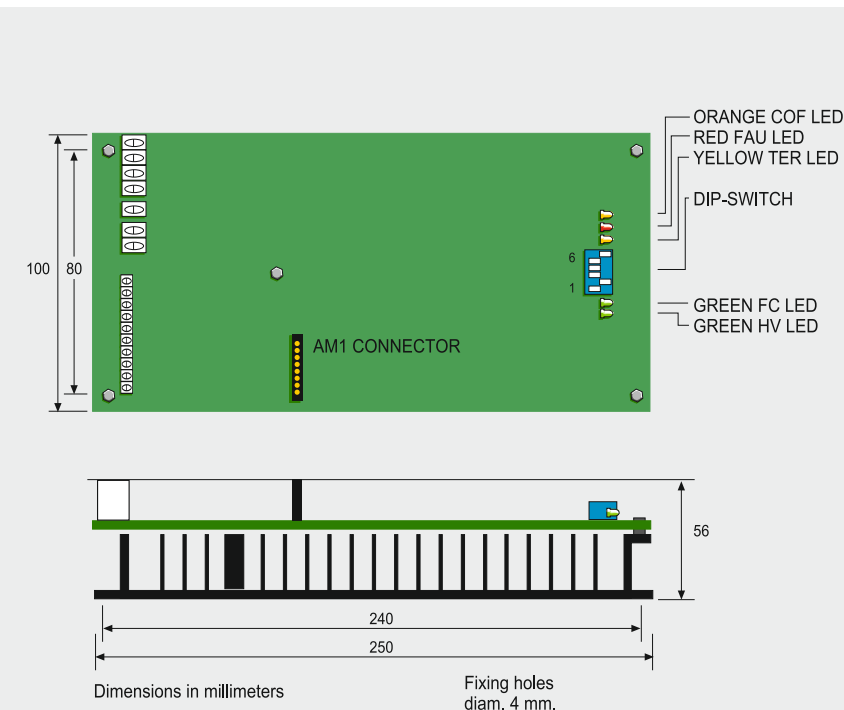
Particular care has been dedicated also to obtain top performance and low power losses for both the card and motor, limiting the need for a forced ventilation while the standard input and output signals facilitate the interface with the most common control systems.

## TECHNICAL FEATURES

- Operation at 200, 400 and 800 steps/revolution.
- Motor phase current setting by means of a DIP-SWITCH. Up to eight possible equidistant values, between  $I_{NF}$  min. and  $I_{NF}$  max. can be set.
- Automatic current reduction at motor standstill.
- Possibility to switch off motor current with an external logic signal.
- Protection against a short circuit at motor outputs.
- Protection against under-voltage and over-voltage.
- Overheating protection.
- Operation with a single external alternate supply voltage.
- High efficiency CHOPPER with MOSFET final stage output.
- Electronic resonance damping facility.



Model	V <sub>AC</sub> range	I <sub>NF</sub> min.	I <sub>NF</sub> max.	Dimensions
	(VOLT)	(AMP)	(AMP)	(mm.)
GAC 03	42 to 62	4	10	100x250x56
GAC 04	69 to 100	5	12	100x250x56



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