

KBG2 Series

Flexible Connectivity



Integration Through Flexible Communications

0.33 HP – 30 HP (0.25 kW – 22 kW)
115 V | 230 V | 460 V | 575 V

Being tied into one system can be restrictive. It can leave you trapped with one supplier even when there is a better option available on the market.

We provide a viable alternative.

The KBG2 gives you freedom to connect with many of the common fieldbuses using the modular 'SI' interface port. It can communicate with Modbus TCP/IP, EtherNet/IP, EtherCat, PROFINET-RT, PROFIBUS-DP, CANopen and DeviceNet. The AI-485 Adaptor option can also connect to RS485 networks using Modbus RTU.



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Increase Your Productivity

To get the most out of your drives, we have developed the KBConnect PC tool. It is designed to aid productivity when commissioning, optimizing, and monitoring drive/system performance. www.kbelectronics.com/KBG-Drive-Setup.html

More Control. No Extra Cost

If you are using an external PLC in your machinery, you will know that extra functionality comes at a price. Our integrated PLC is included at no extra cost.

Easy to Setup

Our most user-friendly drive yet. Designed to make installation simple and quick. All the parameters you need to get started are on the front of the drive. For everything else, there is the step-by-step guide that comes in the box.

If you prefer, you'll find online support at our companion site: www.kbelectronics.com/KBG-Drive-Setup.html

Save even more time by transferring settings before you install the drive. All you need is our AI-Backup module or AI-Smart Adaptor, and a 24V power supply.

Reliable Workhorse

Our drives keep your machines running, even in the toughest environments. That means working to international standards IEC60068-2-60 to levels defined by IEC721-3-3 2C3.

Technology You Can Trust

Each of our controls go through rigorous testing before they leave the factory. This ensures reliability and provides confidence that your KBG2 series drive performs properly in your application.

Drive Specifications

Onboard Potentiometer	✓
Open Loop Vector or V/Hz	✓
Open Loop Rotor Flux Control (RFC-A)	✓
Analog Inputs / Outputs	2/1
Digital Inputs / Outputs / Bidirectional I/O	4/0/1
Relay Output ¹	1
Onboard PLC	✓
RS485 Communications Modbus RTU ²	✓
Cloning via SD Card ³	✓

1. Configurable. 2. Requires AI-485 Adapter. 3. Requires AI-Backup Adapter.



KB ELECTRONICS

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Simple to Use

Up and Running in
4 Easy Steps

Stable

180% (30s) / 150% (60s)

Flexible

Connects to Over
7 Common Protocols

Made to Last

Up to 5 Years
Extended Warranty

Customer Focused

50 Years
of Experience

1-Click Online Support

[kbelectronics.com/
KBG-Drive-Setup.html](http://kbelectronics.com/KBG-Drive-Setup.html)