

BLuAC5-QE

Q Programmable Servo Drive w/ Extended I/O

1pc. - \$1405.00
 50pc. - \$1053.75



Product Features

- 744 lines of stored program capability
- Math calculations using analog and digital parameters
- 15 digital INs, 7 digital OUTs, all optically isolated
- Built-in 24VDC supply for I/O circuitry
- 50 watts built-in regeneration, up to 2KW external capability
- 32 Axis multi-drop capability
- RS232 cable and all mating connectors are included
- Compatible with many 3rd party HMIs
- Capable of all "S" drive control modes
- Sinusoidal Commutation



Description

The BLuAC5 servo drive provides a compact, reliable solution for a wide range of motion applications in a variety of industries. The BLuAC5 servo drive is designed to offer excellent performance coupled with hardware and software features that make it easy to integrate, use and maintain.

The BLuAC5 features a powerful digital signal processor (DSP) coupled with an efficient IGBT PWM amplifier. When combined with the BLuAC5's sophisticated, yet easy to tune position loop and velocity and acceleration feed-forward, a system capable of extremely high performance assures success in the most demanding applications.

All BLuAC5 drives are capable of running brushless, brushed, and linear servo motors. A timing wizard automatically configures the encoder and commutation timing for virtually any brushless or brushed DC motor. Tuning is easy with our Quick Tuner™ software, featuring a built-in digital oscilloscope

Specifications

Model Number	BLuAC5-QE
Part Number	5000-109
Supply Voltage	95-260 VAC
Supply Voltage Type	AC
Control Modes	<ul style="list-style-type: none">• Streaming Commands• Analog Positioning• Encoder Following• Q Programming
Output Current, Continuous	5.0 A rms
Output Current, Peak	15.0 A rms
Communication Ports	<ul style="list-style-type: none">• RS-232• RS-485
Feedback	Halls + Incremental encoder
Setup Method	Software setup
Digital Inputs	15
Digital Outputs	7
Analog Inputs	1 differential or 2 single-ended, +/-10volts, 13bits differential
Dimensions	7.8 x 4.8 x 2.7 inches
Weight	44 oz
Operating Temperature Range	NA
Ambient Temperature Range	0 to 40 °C
Ambient Humidity	90% max, non-condensing
Status LEDs	7 segment display
Circuit Protection	<ul style="list-style-type: none">• Short circuit• Over-voltage• Under-voltage• Over-temp

Software

Software Downloads	<ul style="list-style-type: none">• DSP Firmware Downloader• Q Programmer™• Quick Tuner™• SCL Utility
Sample Code	<ul style="list-style-type: none">• scldemo.zip

Downloads

Manuals	BLuAC5 S Q Hardware manual 920-0049.pdf Host Command Reference Rev I.pdf
Datasheet	Servo-Products-Datasheet-925-0008.pdf
2D Drawing	BLuAC5 Assembly.pdf BLuAC5 3D.pdf
3D Drawing	BLuAC5 SimpleModel.igs
Speed-Torque Curves	There are currently no Speed-Torque Curves documents available for this product.
Agency Approvals	There are no related agency approval documents at this time.
Application Notes	APPN0019 Analog-positioning-using-Q-program.zip APPN0018 EZ-Series-Touchpanel-HMI.zip APPN0017 Wiring-integral-holding-brakes.pdf APPN0016 Simple-25-pin-mating-connections.pdf APPN0015 Make-a-serial-programming-cable.pdf

Pricing

	BLuAC5-QE Part No. 5000-109
1pc.	\$1405.00
25pc.	\$1208.30
50pc.	\$1053.75
100pc.	Contact us for 100+ piece pricing.