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Expert team | Trust guarantee | 100% satisfaction

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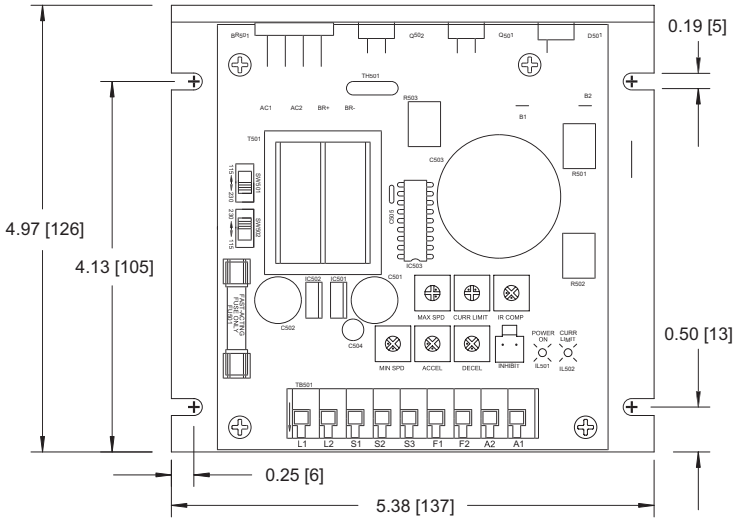
Find the *Minarik XL3025* at our website: ***Click HERE***

B

Drive	Input Voltage (VAC)	Output Voltage Range (VDC)	Max. Armature Current	HP Rating @ 90/130 VDC Output	HP Rating @ 180/240 VDC Output	Enclosure	Reversing *****	Isolation ***	Field Supply (VDC) ****	UL Rec.	CSA	CE TUV
XL3025A	115 / 230	0-130 / 0-240	3	1/20 - 1/4	1/10 - 1/2	CHASSIS	–	–	YES	YES	YES	–
C4XL3025	115 / 230	0-130 / 0-240	3	1/20 - 1/4	1/10 - 1/2	NEMA 4X	–	–	YES	–	–	–
XL3050A	115 / 230	0-130 / 0-240	5	1/8 - 1/2	1/4 - 1	CHASSIS	–	–	YES	YES	YES	–
XL3200A	115 / 230	0-130 / 0-240	10**	1/4 - 1	1/2 - 2	CHASSIS	–	–	YES	YES	YES	–
C4XL3200A	115 / 230	0-130 / 0-240	10	1/4 - 1	1/2 - 2	NEMA 4X	–	–	YES	–	–	–
XL3300A	115 / 230	0-130 / 0-240	15	1/4 - 1 1/2	1/2 - 3	CHASSIS	–	–	YES	YES	YES	–

** Heat sink number 223-0271 must be used when the output is above 5 amps.
*** Built in isolation is not available on the XL series. Minarik Drives recommends using the PCMXP (Pg 13), MMXL-PCM (Pg 14), or PCM4 (Pg 42)
**** The field supply is rated at 1 amp. A 50/100 VDC field is available with 115 VAC input and a 100/200 VDC field is available with 230 VAC input.
***** See regenerative drives in Section D for PWM drives that can reverse on-the-fly.

XL3025A, XL3050A & XL3200A DIMENSIONS



HEIGHT	
XL3025A	2.25 [57]
XL3050A	3.00 [76]
XL3200A	3.75 [95]

All dimensions in inches [millimeters]

Dimensions of drives not shown above can be found on pages 55 and 57.
Wiring diagrams can be found on pages 65 and 66.

FEATURES

- **Speed range, regulation, & form factor:** 1% of base speed regulation with a 100:1 speed range and a 1.05 form factor over the entire range.
- **User adjustable calibration pots:** Minimum Speed, Maximum Speed, Current Limit, IR Compensation, Acceleration, Deceleration and Jog (XL3300A and C4XL3200A only).
- **Diagnostic LEDs:** LEDs for power and current limit status.
- **Stopping mode:** Inhibit (N.O.) for coasting to a stop on all models.
- **Cage clamp terminal block:** Quick and easy wire terminations reduce installation time!
- **Additional features:** Dual voltage AC input, DC field supply, on board line fuse, and jog mode on C4XL3200A and XL3300A.
- **Accessories:** Heatsink 223-0271. 201-0024 inhibit plug with 18" leads, DLC600 digital closed loop controller.
- **RoHS:** All XL series models are RoHS compliant.

Minarik Drives' XL Series of pulse-width-modulated (PWM) variable-speed DC drives provide exceptional performance. They output nearly pure DC power to brush-type motors ranging from 1/20 to 3 HP. Drives accept 115 or 230 VAC input to output 0 to 130 or 240 VDC, respectively.

MOSFET power devices switch at a high frequency above the audible range, to provide fast circuit response and a constant 1.05 form factor over the entire 100:1 speed range. Highly-efficient XL drives provide cool, quiet motor operation with extended brush life and low maintenance. For convenience, the drives have a cage-clamp terminal block to make wiring easy. The XL3300A can jog motors from 0 -120% of rated speed with a separate trimmer pot.

See page 51 for an in-depth comparison of the different 1Q PWM drives.



XL3025A
XL3050A
XL3200A



C4XL3025



XL3300A



C4XL3200A

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