TROUBLESHOOTING

LEDs:

• Status information (see command descriptions in 6000 Series Software Reference):

- V I/O must be connected to 5-24VDC for the P-CUT, HOM, NEG, POS, & TRG-A/B inputs to work.
- NEG & POS inputs must be grounded to GND terminal to allow motion (or disable with LHØ command).
- P-CUT input must be grounded to GND terminal to allow motion.
- · To help prevent electrical noise, shield all connections at one end only.
- Error messages while programming or executing programs see 6000 Series Programmer's Guide.

CE

Product Type: OEMZL6104 Step Motor Drive/Controller

The above product is in compliance with the requirements of directives

- 72/23/EEC Low Voltage Directive
- 93/68/EEC CE Marking Directive

Additional Information:

For complete user documentation, please refer to the Compumotor web site (www.compumotor.com) where User Guides can be found on-line or hard copies requested.

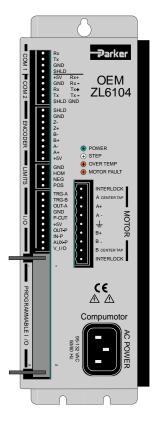
For questions, please contact:

Technical Assistance, Applications Engineering Department (e-mail tech_help@compumotor.com or call 800-358-9070 North America, 707-584-7558 International).

The following table describes which User Guides are applicable to the OEMZL6104:

Part Number	Title
88-014027-01	ZETA4 User Guide Note: All information contained within this user guide is applicable with the exception of the Active Damping feature. All references to this feature should be ignored.
88-015920-01	ZETA4 Drive and ZETA6104 Indexer/Driver User Guide Addendum LVD Installation Instructions Note: All information contained within this document is applicable to the OEMZL6104.
88-015436-01	EMC Installation Guide Note: Refer to the Step Motor Drives section of this document for applicable information

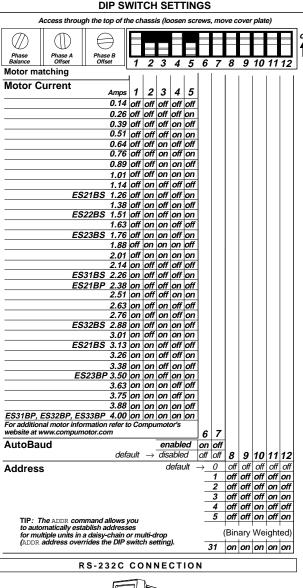
Quick Reference Guide

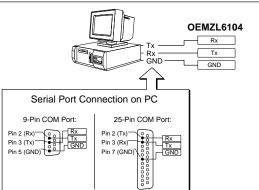


OEMZL6104 Drive/Controller

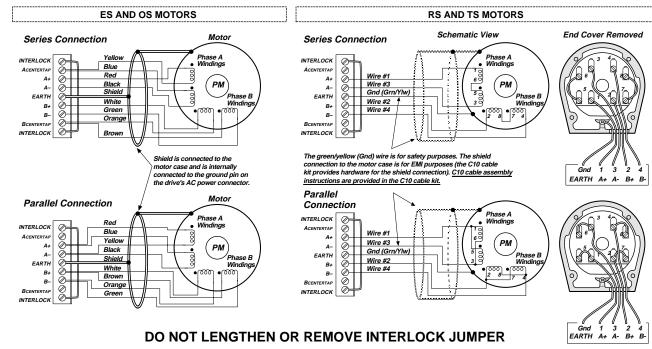
Compumotor Division
Parker Hannifin Corporation
p/n 88-018140-01 A
September 1, 1999







MOTOR CONNECTIONS



I/O SPECIFICATIONS & INTERNAL SCHEMATICS

AC Input 95-132VAC, 50/60Hz, single phase

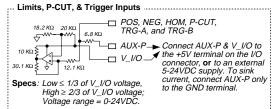
Programmable Inputs

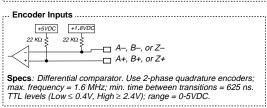
General-Purpose Programmable Input

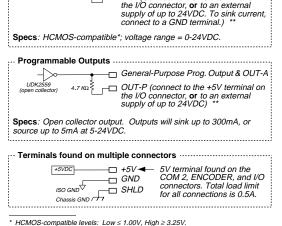
Serial Com ... RS-232C 3-wire; RS-485 4-wire (change jumpers JU1-JU6 to position 1, set JU7 to position 3 if you need 2-wire, select termination resistors).

Up to 99 units in a daisy chain or multi-drop.
9600 baud 8 data bits; 1 stop bit; no parity.

Specs: HCMOS-compatible*: voltage range = 0-24VDC.







** Disconnect from +5V terminal BEFORE connecting an external 5-24VDC supply.

PROGRAMMABLE I/O Pin Function Input #16 (MSB of inputs) Input #15 Input #14 Input #13 Input #12 Input #11 13 Input #10 15 Input #9 17 Output #8 (MSB of outputs) 19 Output #7 Output #6 21 23 25 27 Output #5 Input #8 Input #7 29 Input #6 31 Input #5 Output #4 Output #3 37 Output #2 Output #1 (LSB of outputs) Input #4 Input #3 45 Input #2 Input #1 (LSB of inputs) 49 +5VDC Even numbered pins connected to common logic ground.

STATUS LEDS

POWER Green when power is on
STEP Green when drive receives step; Green in auto test
OVER TEMP Red indicates over temp fault
MOTOR FAULT Red when drive detects short circuit in motor or motor cable;
Red if interlock is open