ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Parker / Compumotor OEMZL4* at our website: ***Click HERE***

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

CE

Product Type: OEMZL4 Step Motor Drive

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:

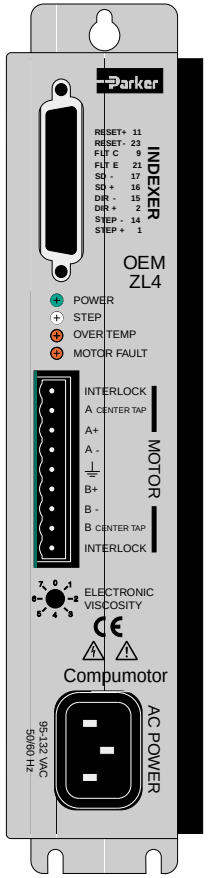
For complete user documentation, please refer to the Compumotor web site (www.compumotor.com) where User Guides can be found on-line or hard copies requested.

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 OEMZL4:

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



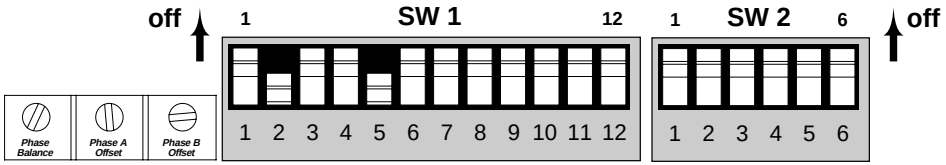
OEMZL4 Stepper Drive

Compumotor Division
Parker Hannifin Corporation
p/n 88-018139-01 B
September 1, 1999

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

DIP SWITCH SETTINGS

Access through the top of the chassis (loosen screws, move cover plate)



Motor matching

CURRENT (amps)	1	2	3	4	5
0.14	off	off	off	off	off
0.26	off	off	off	off	on
0.39	off	off	off	on	off
0.51	off	off	off	on	on
0.64	off	off	on	off	off
0.76	off	off	on	off	on
0.89	off	off	on	on	off
1.01	off	off	on	on	on
1.14	off	on	off	off	off
ES21BS 1.26	off	on	off	off	on
1.38	off	on	off	on	off
ES22BS 1.51	off	on	off	on	on
1.63	off	on	on	off	off
ES23BS 1.76	off	on	on	off	on
1.88	off	on	on	on	off
2.01	off	on	on	on	on
2.14	on	off	off	off	off
ES31BS 2.26	on	off	off	off	on
ES21BP 2.38	on	off	off	on	off
2.51	on	off	off	on	on
2.63	on	off	on	off	off
2.76	on	off	on	off	on
ES32BS 2.88	on	off	on	on	off
3.01	on	off	on	on	on
ES22BP 3.13	on	on	off	off	off
3.26	on	on	off	off	on
3.38	on	on	off	on	off
ES33BS 3.50	on	on	off	on	on
3.63	on	on	on	off	off
3.75	on	on	on	off	on
3.88	on	on	on	on	off
ES31BP, ES32BP, ES33BP 4.00	on	on	on	on	on

RESOLUTION[2] (steps per revolution)	6	7	8	9
50,800 steps	off	off	off	on
50,000 steps	off	off	on	off
36,000 steps	off	off	on	on
25,600 steps	off	on	off	off
25,400 steps	off	on	off	on
Default Setting: 25,000 steps	off	off	off	off
21,600 steps	off	on	on	off
20,000 steps	off	on	on	on
18,000 steps	on	off	off	off
12,800 steps	on	off	off	on
10,000 steps	on	off	on	off
5,000 steps	on	off	on	on
2,000 steps	on	on	off	off
1,000 steps	on	on	off	on
400 steps	on	on	on	off
200 steps	on	on	on	on

WAVEFORM[2]	10	11
Default Setting: -4% 3rd harmonic	off	off
-10% 3rd harmonic	off	on
-6% 3rd harmonic	on	off
Pure sine	on	on

AUTOMATIC TEST[2]	6	7	8	9	10	11
	on	on	on	on	on	on

S&D/CW&CCW[2]	12
Step & Direction Indexer	off
Clockwise & Counterclockwise Indexer	on

2. The drive reads these switches only upon power up. It reads all other switches continuously.

5 6 — NO FUNCTION; NO FUNCTION

3 4 — NO FUNCTION; NO FUNCTION

2 — ANTI-RESONANCE DISABLE

off	Anti-res. Enabled
on	Anti-res. Disabled

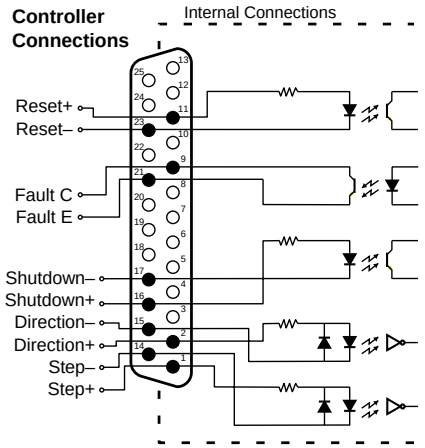
1 — AUTOMATIC STANDBY

off	Full Current
on	50% Current Standby

INPUTS & OUTPUTS

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

Controller Connections

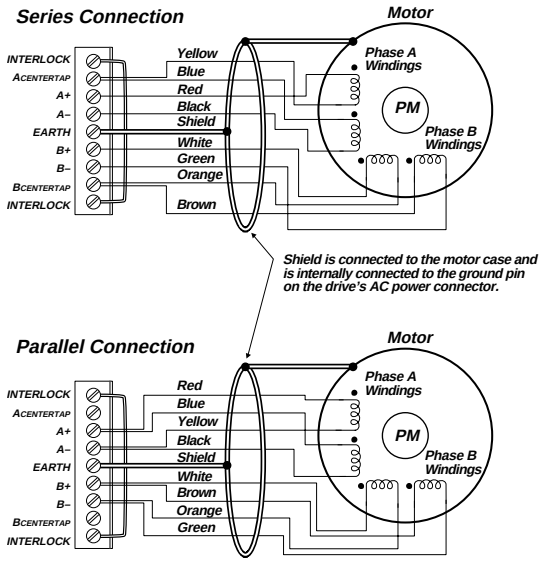


STATUS LEDS

POWER	Green when power is on
STEP	Green when drive receives step Flashes Red/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

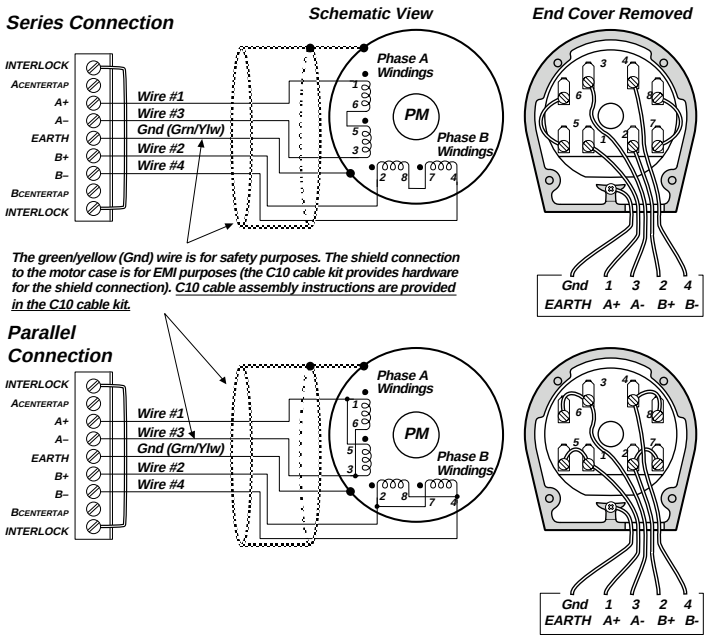
MOTOR CONNECTIONS

ES AND OS MOTORS



DO NOT LENGTHEN OR REMOVE INTERLOCK JUMPER

RS AND TS MOTORS



DO NOT LENGTHEN OR REMOVE INTERLOCK JUMPER

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP