

Compumotor OEMZL6104

Microstepping Drive/Controller (With V_I/O Pin Option)



Limited Availability
Used and in Excellent Condition

Open Web Page

<https://www.artisanng.com/59728-4>

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



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

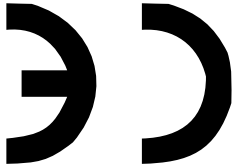
Artisan Technology Group

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

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

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



The above product is in compliance with the requirements of directives

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

Product Type: OEMZL6 Step Motor Drive

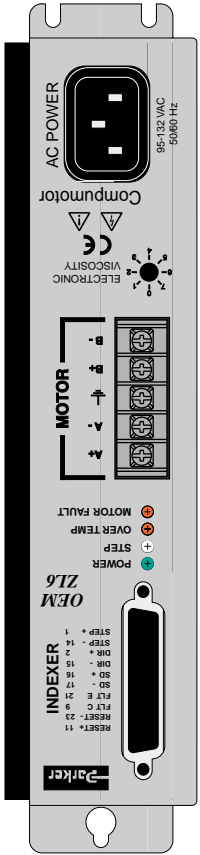
Additional Information:

For complete user documentation, please refer to the Compumotor web site (www.compumotor.com), where you may download the user guides listed in the table below, or request printed user guides.

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 lists user guides that contain information applicable to the OEMZL6. You may also purchase these user guides as a set; order part number OEMZL6 KIT.

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/Drive 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



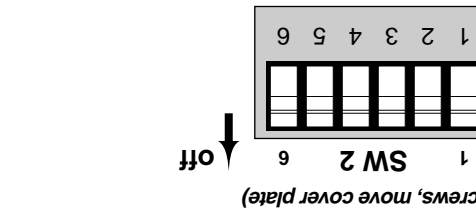
OEMZL6 Stepper Drive

Compumotor Division
Parker Hannifin Corporation
p/n 88-018620-01 A
May 15, 2000



SON

MOTOR CONNECTIONS



	9	5			
--	---	---	--	--	--

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

Internal Connections

Controller

Connections

1

2

3

4

50% Current Standby

Full Current

on

off

1

on

off

Anti-res. Enabled

Anti-res. Disabled

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

420

421

422

423

424

425

426

427

428

429

430

431

432

433</

	21	
9	22	
	10	

STATUS LEADS

POWER Green when power is on
STEP Green when drive receives step
Flashes Red/Green in auto test
Red indicates over temp fault
Red when drive detects short

The diagram shows a 19-pin connector with the following pin functions:

- Pin 1: Step+
- Pin 2: Step-
- Pin 3: Direction+
- Pin 4: Direction-
- Pin 5: Shutdown+
- Pin 6: Shutdown-
- Pin 7: Fault C
- Pin 8: Fault E
- Pin 9: (Empty)
- Pin 10: (Empty)
- Pin 11: (Empty)
- Pin 12: (Empty)
- Pin 13: (Empty)
- Pin 14: (Empty)
- Pin 15: (Empty)
- Pin 16: (Empty)
- Pin 17: (Empty)
- Pin 18: (Empty)
- Pin 19: (Empty)

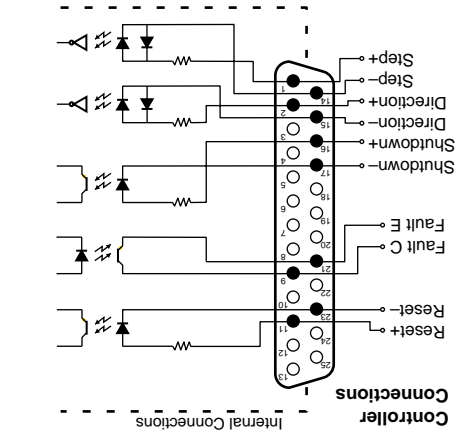
The diagram also shows the internal wiring of the connector, including the power supply lines (V+ and V-) and the ground connection.

POWER Green when power is on

OVER TEMP Red indicates over temp fault
MOTOR FAULT Red when drive detects short

circuit in motor or motor cable

STATUS LEADS



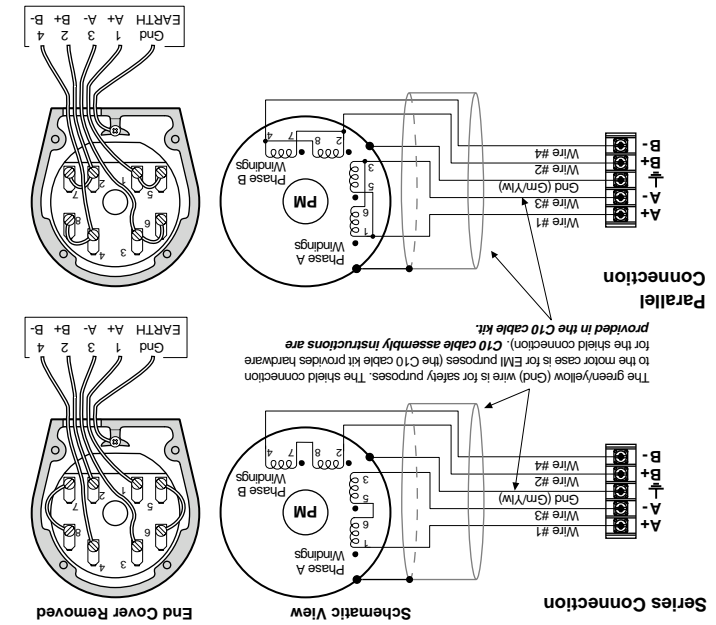
INPUTS & OUTPUTS

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

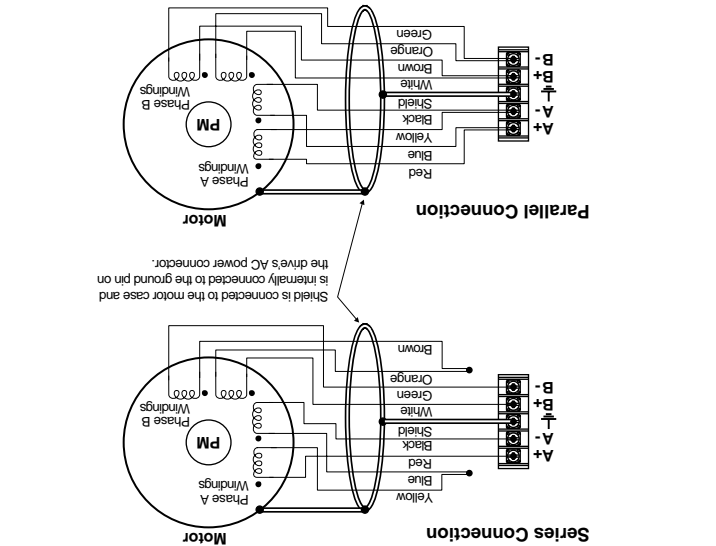
2	off	Anti-res. Enabled	1
	on	Anti-res. Disabled	
ANTI-RESONANCE DISABLE			AUTOMATIC STANDBY Full Current

on	off	50% Current Standby	Full Current	on	off	Anti-res. Disabled	Anti-res. Enabled	on	off	2	ANTI-RESONANCE DISABLE
on	off	50% Current Standby	Full Current	on	off	Anti-res. Disabled	Anti-res. Enabled	on	off	3	NO FUNCTION
on	off	50% Current Standby	Full Current	on	off	Anti-res. Disabled	Anti-res. Enabled	on	off	4	NO FUNCTION
on	off	50% Current Standby	Full Current	on	off	Anti-res. Disabled	Anti-res. Enabled	on	off	5	NO FUNCTION
on	off	50% Current Standby	Full Current	on	off	Anti-res. Disabled	Anti-res. Enabled	on	off	6	NO FUNCTION

RS AND TS MOTORS



ES AND OS MOTORS



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 [artisanng.com](https://www.artisanng.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@artisanng.com | [artisanng.com](https://www.artisanng.com)

