



200 V Three-Phase 0.4 kW to 110 kW

400 V Three-Phase 0.4 kW to 315 kW

Inverter Series Positioning Software

Three Positioning Types

Linear Axis (Absolute and Relative Motion) Rotary (In Preparation) Manual Operation (Jog Forward / Reverse)

Positioning Quantity Source Selection by

Parameters, directly selected by D/Is RS232/485/422 Modbus RTU Field Bus Option (CANopen or other field bus protocols)

Distance Format Setup (User Units)

Use of Signed or Unsigned Position Values 16- or 32- Bit Position Reference Mode for High Dynamic Range Distance in Millimeter (mm), Centimeter (cm), Meter (m), Degree (°), or Revolution (rev) Units User-Defined Distance Format (Number of Digits and Decimal Places)

Reference Switch Search

Search Sequences for Hardware Limit Switches (3 different switches) Home Offset Value Set as 0-Position or Driven from

Home Offset Value Set as 0-Position or Driven from 0-Position 3 Different Speeds During Reference Search for High Accuracy

Applications



Linear Axis



Indexing Tables



Material Processing

Position Limits

By Hardware and Software, Changeable during Positioning

Encoder Support

PGB3, PGX3

Brake Control

Brake Sequence similar to L1000A Elevator Brake Control Move Command Delay Time Brake Open and Close Delay Time Output Contactor Control including Response Signal and Open Delay Time

Status Monitors

Distance from 0-Position
Commanded Position, Speed, Ramp Time
Distance to Go
Position Error
Raw PG Pulses
Motor Shaft Angular Rotation
Z-Pulse Monitor

Status Signals

In-Position, Zone Signal, Reference Search Ready, "Zone" Signal, Motion Control Disable

Faults and Alarms

Hardware / Software Limit
Positioning Setup Error (detects wrong setup configurations)
Positioning Error (Position not reached in expected time)
Reference Search Error (Expected hardware switch could not be found) Emergency Stop Alarm (After sequence abortion)



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Standard Specifications





Limitations

- Drive Works EZ Removed
- Chinese Language Removed
- Motor 2 Switch
- Up2 / Down2 Command