



200 V Three-Phase  
0.4 kW to 110 kW

400 V Three-Phase  
0.4 kW to 630 kW

## Inverter Series Positioning Software

- ▶ **Three Positioning Types**  
Linear Axis  
Absolute and Relative Motion  
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 0-Position  
3 Different Speeds During Reference Search for High Accuracy
- ▶ **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)



## Standard Specifications



### Possible Digital Input Functions

- ▶ Position Selection
- ▶ Reference Switch
- ▶ Positive and Negative Over-Travel Switch
- ▶ Disable Motion Control Switch
- ▶ Manual / Positioning Mode Selection
- ▶ Move / Reference Search Start Command Switch

### Possible Digital Output Functions

- ▶ During Torque Limit
- ▶ In-Position Signal
- ▶ Brake Release Signal
- ▶ Reference Search Ready Signal
- ▶ Zone Signal
- ▶ Output Contactor Control

### Limitations

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

International Standards



Safety Standards

