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Item # S-625, D3000 - Universal DC Elevator Door Operator PWM Controller



D3000 - Universal DC Elevator Door Operator PWM Controller

The IPC D3000 controller is designed to work with 110/220 V DC door operators manufactured by OTIS, GAL and others. "Quasi" closed-loop current feedback and control allows fast open and close door times while maintaining a safe 30lbs or less at the door edge when obstructed. Uses existing cam slowdown switches on these operators. The D3000 operates at either 120 or 220 VAC input. Six speeds, adjustable accel/decel, nudge speed and obstruction/torque adjustments make setup and tuning easy. Quiet and efficient PWM motor output provides 6 amp continuous to the door motor armature. Adjustable Running and Standby field output for shunt-wound motors. Can also be used with Permanent magnet replacement motors. Supplied open-chassis with small footprint.

FEATURES

- "Universal" hookup works with most 110/220 VAC wound-field or permanent magnet door operator systems manufactured by GAL, ECI, OTIS and others
- Six speeds - 3 Open and 3 Close - Multi-turn potentiometers for precise adjustment
- Separate Acceleration and deceleration adjustments - easy to tune
- Smooth and quiet PWM current-controlled operation
- Separate "Nudging" speed input with independent adjustments
- Automatic motor field handling - Jumper selections allow automatic or manual operation in either direction or both - Separate adjustments for "Standby" and "Running" field settings
- Obtain fast Open and Close speeds while maintaining safe door edge pressures-When encountering an obstructed door, the D3000MKII will automatically "trip" to a low-speed, low-torque mode for the remainder of the close cycle. Once tripped, the amount of torque (force) available to the door is also adjustable
- Cost effective - Provides "quasi-closed-loop" performance
- Easy Installation - Small footprint uses 115 /220 VAC input - optically isolated