

## COMMANDER

Pre-Packaged "Control Reliable" Multi-Function  
Resolver-Based Cyclic PLC Machine Control

Exceeds All OSHA & ANSI Regulations  
for Machine Controls



### Built-in Safety / Automation Features:

- Exceeds OSHA & ANSI Standards
- Quick & Easy Installation
- Control Reliable Design (Triple CPU Redundancy)
- Incorporates dual logic power supplies
- Heavy duty resolver supplied standard with self-checking input on every press cycle and 30' of resolver cabling supplied standard
- Complete system diagnostics and programming in plain English/Spanish by a four line by twenty character vacuum fluorescent display
- Operates at 24VDC, 110VAC
- Major faults such as E-Stop, motion, brake monitor, and sensor faults are handled by two force-guided relays (Form B safety relays)
- Modes of operation: off--inch--single--continuous
- Continuous ARM; top stop, anti-tie down and anti-repeat built-in
- System start/stop functions
- SPM Range -1 to 500 strokes or cycles per minute
- Password and supervisory controlled keyed selector switch for security of data entry
- Interrupted stroke provision with indicator
- Inch mode monitoring aides machine set-up
- Crank angle and speed readout (SPM)
- Time-based brake monitor
- Built-in motion detector and drift fault
- 90° and 270° stop time tester/meter built-in
- Built-in variable speed compensation
- Servo-feed interface built-in
- Six optically isolated die protection inputs that can be either AC or DC (sourcing or sinking)
- Six limit switch outputs can be set to cycle (non-timed) two times per crank rotation by setting an open/close crank angle (AC or DC @ 3A)
- The last three limit switch outputs can be set for timed, non-timed, delay, hold, or cycle two times per crank revolution. (AC or DC @ 3A)
- Six PLS (programmable limit switch) output relays are small, high speed, and high capacity (AC or DC @ 3A)
- 100 job memory (removable)
- Stroke, batch, quality, and part counters
- Batch counter output relay
- Die protection output relay (opens when there is a fault)
- Speed output relay (opens when machine speed falls out of the max/min parameters)
- Auxiliary output relay (customer assigned usage)
- Optional tonnage monitoring
- Add starters, disconnects & additional non-safety controls if necessary
- PC Link to allow offline job creation and storage
- Two-year warranty
- Made in the USA
- Price: \$3,995

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