

# DC2000

## COMMERCIAL/INDUSTRIAL CONTROLLER FOR DOOR/GATE

Doorlec Corporation pioneered the automatic door/gate/barrier opener industry in Canada and is an innovative leader in the field. This leadership and innovation is reflected in the introduction of the newly developed state-of-the-art solid state **DC2000 dedicated logic controller** which incorporates space-age technology and is used in conjunction with all of our commercial/industrial door/gate/barrier electric operators.

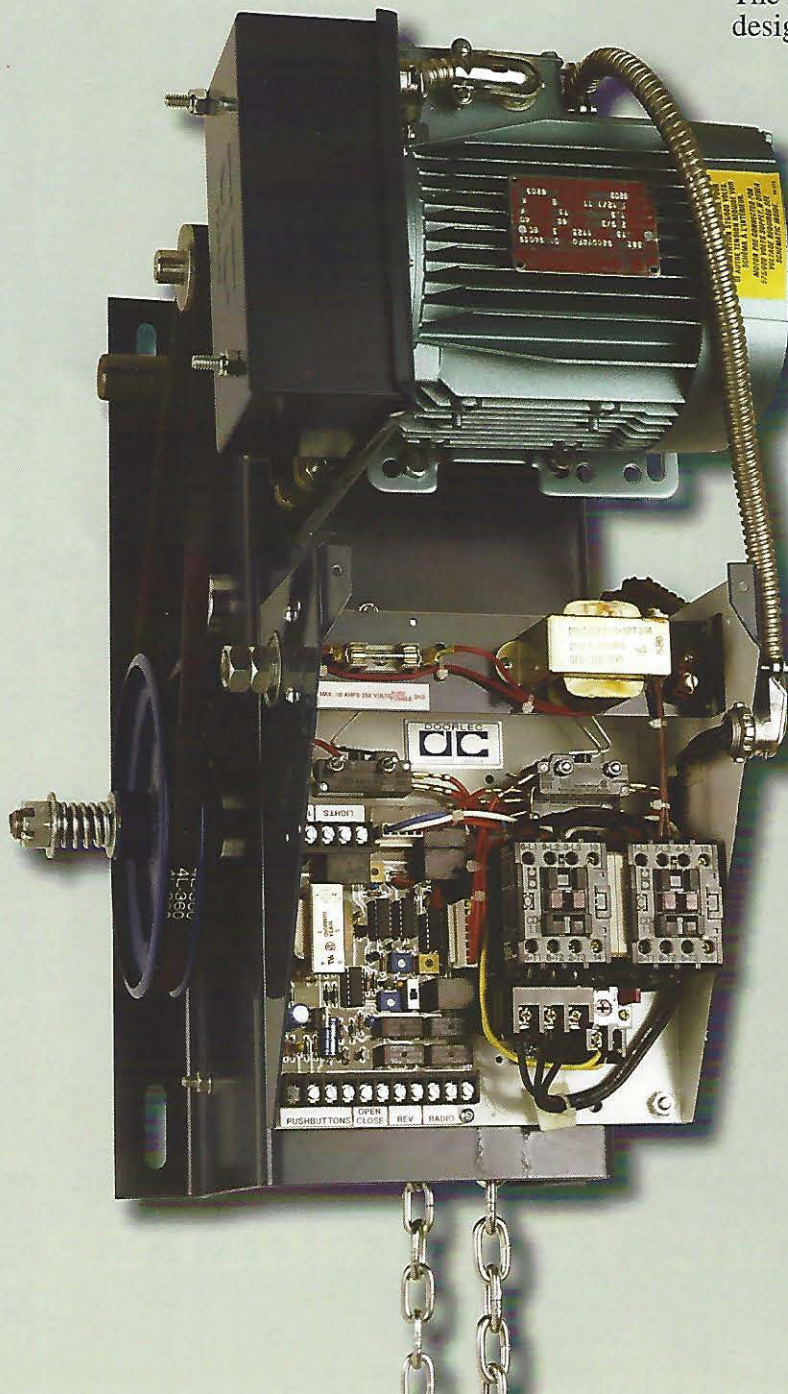
The DC2000 dedicated logic controller has been designed to accept, and operate with, any automatic or manual activators without the need of programming. A slide switch has been provided to select manual or automatic mode.

If manual mode is selected the following controls can be used to activate the door/gate/barrier:

- Push button open/close/stop
- Reversing activator
- Open/close activator
- Remote radio control system

If automatic mode is selected, in addition to the manual mode activators, an automatic closing (timer) adjustable from 10 to 180 seconds is in effect when the door/gate/barrier is in the full open position, ready to signal the closing cycle after a predetermined delay. Connections for red and green warning lights are provided as well. When an activator is selected for the desired operation, simply connect it to the appropriate terminal on the DC2000 dedicated logic controller, making each door/gate/barrier a custom installation while the logic controller remains standardized to simplify troubleshooting.

Having in mind the field technicians in our industry, the DC2000 dedicated logic controller has been conceived for easy replacement. By simply removing four machine screws and two plug-in quick-connect harnesses, any possible confusion is eliminated when re-installing logic controllers.



# DEDICATED LOGIC E/BARRIER AUTOMATION

**This DC2000 dedicated logic controller has connections and functions for the following activators:**

***Slide switch on manual mode :***

- Push button station(s); open, close, stop  
Open and close buttons have 1.5 second delay
- Reversing activators with 1.5 second delay
- Open or close activators with 1.5 second delay
- Radio control receiver : with 1.5 second delay on both open and close signal

***Slide switch on automatic mode :***

- Push button station(s); open, close and stop  
Open and close buttons with 1.5 second delay
- Reversing activators with 1.5 second delay
- Open activators with 1.5 second delay
- Automatic closing (timer) : Adjustable 10 to 180 seconds, will close door/gate/barrier after predetermined delay
- Red and green warning lights
- Red warning light ON when door/gate/barrier is in motion
- Green warning light ON when door/gate/barrier is fully open
- For the duration of the predetermined time delay, prior to closing, green light will go OFF and red light will turn ON warning that the timer is about to give signal for the door/gate/barrier to close
- Red warning light stays ON until fully closed
- Flashing warning lights are also available (at extra cost) when specified

When energized, reversing activators, open activators, radio control transmitters, etc., will reverse and reset timer to zero if the door/gate/barrier is in the fully open position or is at its closing cycle.

A 115V AC power supply is available for field connections such as loop detectors, photoelectric switches, motion detectors, card readers, etc.

Long range activation up to 1200 ft. (365 meters) can be achieved without using a larger VA transformer.

All activators including reversing system have a 1.5 second delay to prolong life of the door/gate/barrier and operator; as well as providing protection against override situations which could cause unnecessary damage.

