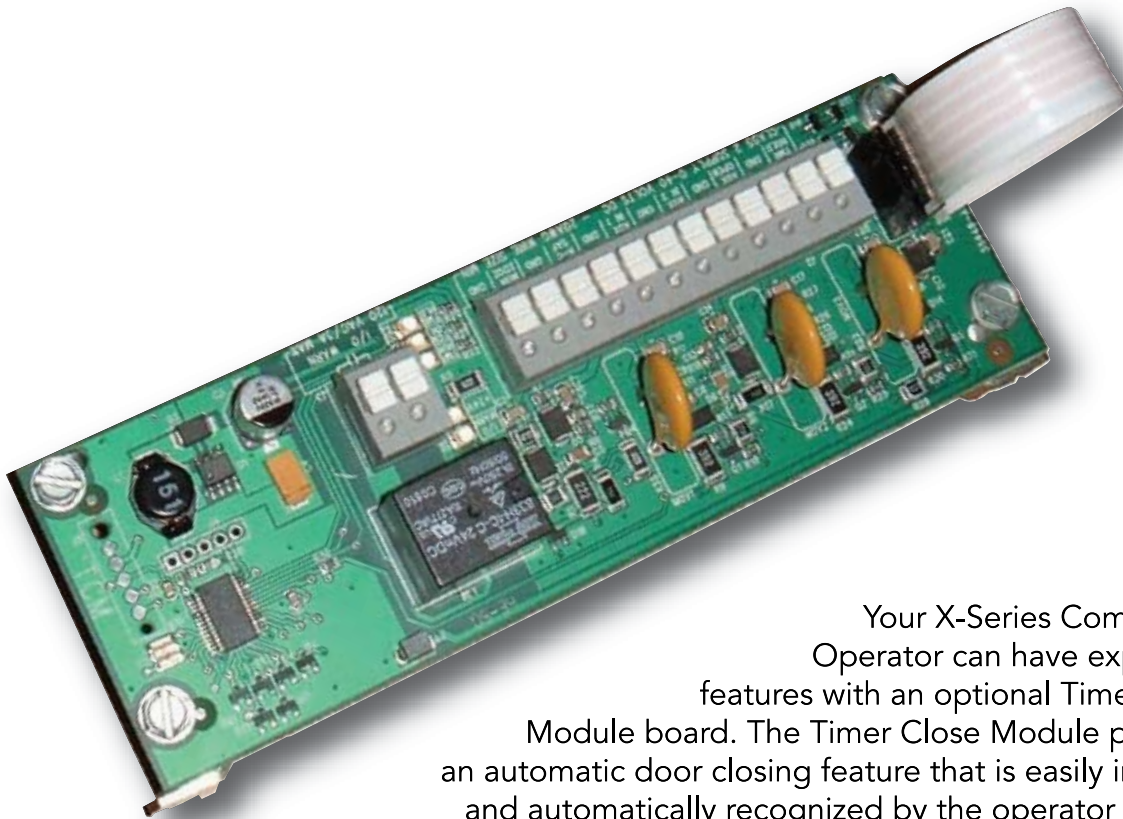


Timer Close Module

Optional Boards For X-Series Commercial Operators



Your X-Series Commercial Operator can have expanded features with an optional Timer Close Module board. The Timer Close Module provides an automatic door closing feature that is easily installed and automatically recognized by the operator system.

The Timer Close feature can be selected to start when the door is opened from inputs such as the open button on the wall control, optional radio control input, or auxiliary open input via an optional device.

The module is installed in the operator electronic box and connects to the main circuit board through an expansion port connector.

Key features:

- ❖ User-selectable time delay
- ❖ Timer hold input
- ❖ Auxiliary open input
- ❖ Auxiliary reversing inputs

The Genuine. The Original.



SPECIFICATIONS

Timer

The timer is selectable from 1 second to 5 minutes. (Requires the use of one or more of the following reversing inputs; ODC Safe – T – Beam. Terminals located on main circuit board), 2-Wire Monitored Edge or Normally Closed reversing device.)

Output Definitions / Ratings

Impending Operation Warning – Relay contacts to close 2 to 10 seconds prior to door closing.

- 1 set of Single Pole Single Throw (SPST) Normally Open contacts.
- Rated 3 amps at 120VAC max.

Input Definitions

Timer Hold – This input causes an active timer to reset and hold. The count down will restart when this input is removed. (This is a Class 2 circuit)

- To start a Timer Hold: Connect this input to ground (GND) via an optional device.
- To remove a Timer Hold: Disconnect this input from ground (GND) via an optional device
- In addition to the timer hold input, any active reversing device will reset and hold the timer.

Auxiliary Open Input

This input causes a closed or stopped door to open, prevents an open door from closing and reverses a closing door. This input can be selected to initiate the timer. (This is a Class 2 circuit)

- To start an Auxiliary Open: Momentarily connect this input to ground (GND) via an optional device.

Normally Closed Reversing Input

This input will reverse a closing door or prevent an open door from closing. This option is selected from a menu on the X-Series Electronics.

- To initiate a Normally Closed Reverse: Momentarily disconnect this input from ground (GND) via a Normally Closed Reversing device.

Monitored Edge Sensor Input

This input will reverse a closing door or prevent an open door from closing. Requires the use of a two-wire Miller Edge Sensor System designed to work with the X-Series Electronics. This option is selected from a menu on the X-Series Electronics.

- To initiate a Monitored Edge Sensor Reverse: Momentarily connect this input to ground (GND).

Note: This input will detect broken or short – circuited wiring to the edge sensor and will interpret these as active inputs. (No additional equipment required.)

Power Supply Requirements

- Voltage – Nominal 24VDC via the expansion port
- User interface – One 12 position and one 2 position terminal block
- Max Wire Size – 12 AWG, Min Wire Size 20AWG – Stranded wire.