# 

# LIGHT DUTY COMMERCIAL COUNTER DOOR AND COUNTER FIRE DOOR OPERATOR



# LIGHT DUTY OPERATOR USED IN FACTORIES, SCHOOLS, CONCESSIONS, HOSPITALS, CAFETERIAS AND RETAIL SETTINGS

## Mounting

Front of hood (chain/sprocket coupling to door).

## Motor

1/2 HP, 115 Volt AC single phase motor with high start torque, intermittent-duty, NEMA 42 frame open drip-proof construction, instant reversing with automatic reset thermal overload.

#### **Drive reduction**

Helical gear primary reduction and hardened bevel gear secondary reduction.

#### **Power train**

Oil impregnated bushing to ensure long life.

#### Cycles per hour

5 cycles per hour at rated load of 70 ft-lbs/sec.

## Limit system

LimitLock<sup>®</sup> easy set limits remain synchronized with door during release operation.

#### Display

16-character LCD provides easy to read set-up and diagnostics with backlight for low-light conditions.

#### Cycle counter

Displays total cycles logged over the operator's lifetime to support warranty and service functions.

#### **Independent timers**

Automatic maximum run timer stops the close function if dynamically set door run time is exceeded.

#### **Control system**

On-board open/close/stop buttons make set-up and testing simple, saving time during installation.

## **Control buttons**

Calibration mode/Run mode, Backlight, Scroll Up/Down, Set/Clear.

## Two year/20,000 cycle limited warranty



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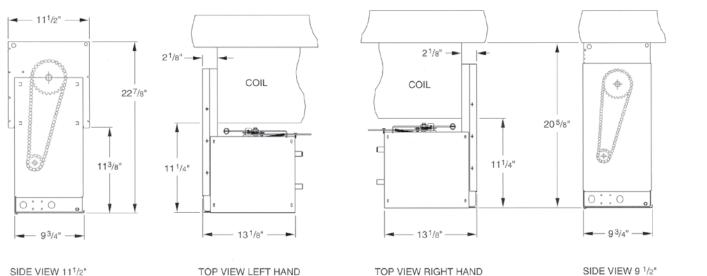
# **Optional accessories**

| Accessory                   | Description  |
|-----------------------------|--|
| Radio hookups               | Option available for fast, simple radio receiver connectivity to enable remote door operation.   |
| Hand crank                  | Option on Counter Fire Door only. Centrifugal drum type governor built into operator to control drop speed during a manual fire door release.  |
| Release                     | Option available on Counter Fire Door only. Spring-loaded for automatic release of door by optional fuse link, Fire Sentinel™<br>or similar fire detection and release device.   |
| Auxiliary output<br>modules | This plug-in module will provide several auxiliary sets of dry contacts for status of door operation and position. Outputs can be configured using the on-board keypad.  |
| Safety accessories          | Additional safety options include Fire Sentinel <sup>™</sup> time delay release device, photoelectric or ionization-type smoke detectors<br>(with or without heat detector) as well as solid-state horn, strobe or voice annunciators. |

To maintain compliance when using a sensing edge as a primary safety device with our X-series commercial operators labeled UL 325 2010, you must use one of following modules:

| Timer to close<br>module           | Provides auxiliary control inputs, auxiliary safety inputs auxiliary timer hold input, and an automatic door closing feature with<br>a user- selectable time delay. Safety inputs can be enabled or disabled using the on-board keypad. A monitored DC/T3 type<br>safety edge must be used with this module. Not available on Counter Fire doors. |
|------------------------------------|---|
| Monitored edge<br>interface module | Provides an interface between two-wire monitored sensing edges and our X-series Operators. This module allows for the connection of a two-wire monitored sensing edge to be connected to the ODC DTB terminals. Compatible for use on Miller Edge electronic two-wire monitored edges modules ME and MT.  |
| Wireless edge interface<br>module  | Provides a wireless interface between two wire monitored sensing edges and our X-Series Operators. The wireless transmitter mounts to the door and connects to a DC/T3 type safety edge. The receiver connects to the X-Series operator ODC-STB terminals.  |

# Front-of-hood mount



HEADPLATE





HEADPLATE



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