

FIRE DOOR CLOSING SYSTEM ACCESSORIES

AUTO-TEST™ SYSTEM ACCESSORIES

Auto-Test Motor Operator, Tube Motor Operator, Chain, and Crank

UL 325 Compliant Entrapment Protection Devices

Per UL 325-2010, doors without a connected and properly functioning primary entrapment device will only function by constant pressure close operation. The primary entrapment protection devices below enable momentary contact to close operation. Tube Motor Operators are not currently approved to accept these devices.

ELR Electric Sensing Edge - 2 wire monitored electric sensing/smoke seal edge. Contact with the edge before the door fully closes causes the door to immediately stop downward travel and reverse direction to the fully open position. Provide a retracting safety cord and reel or a self-coiling cable connection to control the circuit.

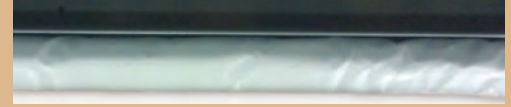


Photo Eyes - Interruption of the beam before the door fully closes causes the door to immediately stop downward travel and reverse direction to the fully open position.



Optional Secondary Entrapment Protection Devices

May be used in conjunction with a set of primary entrapment photo eyes or with constant pressure to close operation.

Electric Sensing Edge with 2 Wire Universal Wireless Edge - Eliminates the need for a physical traveling electric cord connection between the bottom bar sensing edge device and the motor operator. Using a 4 wire electric edge in conjunction with a failsafe operator or failsafe wireless kit enables the sensing edge to be self monitoring and fail safe.



Battery Back-Up Devices

Prevents the door from closing due to a power failure for a minimum of 4 hours. For Auto-Test Motor Operators the battery back-up also functions as a DC power source for local warning devices and detectors to keep them functioning during a power outage and can be programmed to cycle the door a selected number of times should the sensing edge contact an obstruction during alarm signal AC power closing.

Annunciators

Optional safety devices that provide a visual and/or audible advanced warning when the door is about to close. Can be activated upon alarm signal or loss of power when supported by the operator's optional battery back-up device.



Horn Strobe - ADA compliant, 24 VDC warning devices that are powered by a release device power source to provide an advanced fire door closing warning. Activation upon automatic closing of fire door system.



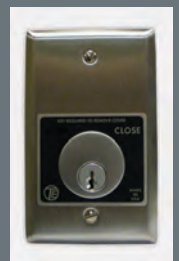
Voice Warning Module - An ADA compliant warning device. Provides up to four different voice warning messages upon activation. Messages are in English and are field selectable.

Key Test Station

Allows for testing of the Auto-Test system without the use of the central alarm system.

Fuselink Arrangement

Fuselink and chain for applications where this back-up system is called for by specification or Authority having Jurisdiction (AHJ).



The Cookson Company, Inc.

SIMPLE-TEST™ SYSTEM ACCESSORIES

Motor Operator, Chain, Crank

UL 325 Compliant Entrapment Protection Devices

Available for use on Simple-Test Motor Operators. See front top for descriptions.

Floor Level Test Device for Simple-Test Chain and Crank

Safely and conveniently test and reset the fire door at floor level rather than by the fuselink above the coil. Designed for surface mounting.



Release Devices for Simple-Test Operating Systems

Electro-mechanical devices enable automatic closing fire doors to respond to alarm signals from detection devices such as smoke detectors, heat sensors and central alarm signals, permitting doors to close long before high temperatures melt fusible links.

Firefly IV MV™

A fail-safe and UL listed tri-voltage releasing device that accepts 120 or 24 VAC or 24 VDC input voltage. Does not require or have a battery back-up system or require up front electrical coordination with alarm system providers. Down limit detection prevents mechanical release of a fully closed door upon alarm signal: requires closed door signal.

Firefly III Plus™

A fail-safe and UL listed tri-voltage releasing device that accepts 120 or 24 VAC or 24 VDC input voltage. Made to be a standalone releasing device that does not need to, but can, be connected to a building central alarm system. It has all of the features of the Firefly III™ plus a built in battery that can power up to 2 smoke detectors and/or sounder strobes for as long as 72 hours in the event of a power failure. This provides fire protection during power failures, preventing unnecessary door closings, without the expense of a central battery back-up system.

Firefly III™

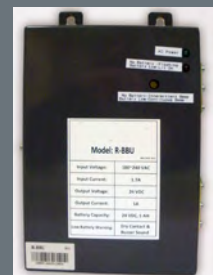
Made to connect to a building central alarm system. It is powered by 24V DC power wired directly to a building central alarm control panel and is supported by the building alarm control panel emergency power source. In case of building power failure, the fire alarm control panel emergency power source will power the Firefly III and the door will not close unless there is an alarm activation.

*Note that all Auto-Test systems do not require an additional mechanical release device to respond to alarm signals from detection devices.



Battery Back up Devices

Available for Firefly IV Release Device above used on Simple-Test doors. Prevents the door from closing due to a power failure for 16 hours. Note that if both a release device and a battery back-up system are desired, an Auto-Test Fire Door system is recommended.



Fire Door Annunciators

Optional safety devices that provide a visual and/or audible advanced warning when the door is about to close. Can be activated upon alarm signal or loss of power when supported by a battery back-up device.

Horn Strobe - ADA compliant, 24 VDC warning devices that are powered by a release device power source to provide an advanced fire door closing warning. Activation upon alarm signal and power failure and/or alarm signal only depending on release device.

Voice Warning Module - An ADA compliant warning device. Provides up to four different voice warning messages upon activation. Messages are in English and are field selectable.



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