

FDC-1000



Advanced Door Technologies, Inc.

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Models FDC-1000 fire door motor operators include the following features:

- Automatic reset and test
- Continuous duty motor
- Time delayed automatic closing
- Electromagnetic disc brake
- Detector/alarm input
- Overload protection
- Monitored battery back-up 72 hour
- Adjustable linear driven limit switches
- Low battery warning
- 24 volt control circuit
- Programmable closing function selections
- 3-button open-close-stop wall mount control
- Keyed test station
- NEMA 1 enclosures
- Electronic thermal sensors (field installed)
- UL Listed



Model FDC – In-line Gear Drive Fire Door Motor Operator

- For fire doors up to 350 sq. ft. in standard cycle applications
NOTE: CONSULT FACTORY for availability on doors less than 10' wide or less than 100 sq. ft.
- High efficiency in-line gear reducer
- Horizontal front of coil or wall mount
- Provides automatic closing without a loss of spring tension – eliminates the need for traditional mechanical reset
- Electronic thermal sensor, detector or alarm activation of motor controlled closing or internal release and brake controlled closing
- Provision for optional remote fusible link release connection
- 72 hour battery back-up with automatic closing prior to complete discharge of batteries
- Close on alarm feature to close door through motor operator upon activation by thermal sensor, detector or alarm – will activate warning devices (if provided), and close door after selectable time delay. If an obstruction is encountered, it will cycle upon contact with and/or stop on the obstruction, internally release and continue closed when the obstruction is removed with the closing speed controlled through the brake (requires door be provided with a sensing edge)
- Automatic closing upon power loss prior to battery discharge – will activate warning devices (if provided), internally release and close door after selectable time delay with closing speed controlled by the brake. If an obstruction is encountered, the door will stop on the obstruction and continue closed after it is removed (requires door be provided with a sensing edge)
- Failsafe closing in the event of system failure – will internally release and close door with controlled descent
- Automatic reset to restore normal operation by activating open control after alarm is cleared/power is restored
- 1/2 and 1 hp
- 115V, 230V – 1ph / 208-230V, 460V – 3ph
NOTE: FDC fire door motor operators do not have an auxiliary chain hoist or auxiliary release