



LM21AFCB

Advance Fire Control Release Device

The AFCB fire door release device is designed to be used in conjunction with a standard commercial door operator to provide a fully automated door closing system. For use with motorized doors incorporating a reversing electric safety edge. This 120VAC device can power up to four smoke detectors and two horn/strobes or speaker/strobes. This system combines state-of-the-art functionality and advanced features typically found on special-order fire door operators.

- UL864 Revision 9 compliant
- Programmable DIP switch delay setting - either 10, 20, 30, or 60 seconds delay of door release to permit passage clearance
- Internal Battery Backup system
- Obstruction cycling - works in conjunction with the door's electrical safety edge, reversing the door if an obstruction is encountered
- Motor voltage sensing
- Test keyswitch - permits floor-level testing of the system
- Model LM21AFCBVB is equipped with a voice board to broadcast a pre-recorded evacuation message



LM21XPBB

Extended Performance Release Device

Versatility allows the XPBB fire door release device to operate on 120VAC, 24VAC, or 24VDC power sources. Internal Battery Backup allows the release device to stand alone from the fire alarm system and act independently in the event of a power outage. The system can provide 24VDC power for up to four smoke detectors and two horn/strobes, mounted on either side of the door. Programmable delay settings, close door detection, diagnostic LEDs, localized testing, and reset capabilities are also standard.

- UL864 Revision 9 compliant
- Programmable DIP switch delay setting - either 10, 20, 30, or 60 seconds delay of door release to permit passage clearance

- Inputs for normally open 2- or 4-wire detectors and 4-wire normally closed detectors
- Trouble and alarm relays for communication with the fire alarm control panel, if required
- Audible trouble sounder to indicate when the release device is not operational
- On board diagnostic LEDs for easy troubleshooting
- Testing function allows routine fire door testing without requiring activation of the smoke detector
- Model LM21XPBBVB is equipped with a voice board to broadcast a pre-recorded voice evacuation message



LM21XP

High Performance Release Device

The XP fire door release device provides a fail-safe release mechanism for non-motorized doors and acts as an interface between the door and fire alarm system. The device requires 24VDC power from an approved UL1481 regulated power supply with Battery Backup, such as a fire alarm control panel. Therefore, installation will require coordination with a fire panel installer.

- UL864 Revision 9 compliant
- Programmable DIP switch delay setting - either 10, 20, 30, or 60 seconds delay of door release to permit passageway clearance
- Close door detection - prevents door release if the door is kept in the closed position and eliminates door reset service calls or potential system damage
- On board diagnostic LEDs for early troubleshooting
- Testing function allows routine fire door testing without requiring activation of the central alarm system; easy reset function returns the device to a standby state