Firefly® & Firefly® BB
AR-D RELEASE DEVICE

Firefly® AR-D is a multi-voltage fail-safe release device that is available with or without battery backup. It is an energized solenoid mechanism designed to be used in conjunction with FireGard™ operators.

Model Specific Features

Firefly

- Standby current draw: 100-240 VAC = .15-.1A, 24 VAC = .6A or 24 VDC = .2A
- Max current draw: 100-240 VAC = .5-.25A, 24 VAC = 1.5A or 24 VDC = 1.6A
- Optional R-BBU power available – 10 hours
- Requires a 4 wire connection for local detectors

Firefly BB

- Standby current draw: 100-240 VAC = .15-.1A, 24 VAC = .5A or 24 VDC = .2A
- Max current draw: 100-240 VAC = .5-.25A, 24 VAC = 1.0A or 24 VDC = .6A
- Battery backup power – 7 days
- May utilize 4 wire or 2 wire connection for local detectors
- Diagnostic indicator LED lights

Requirements

- For indoor dry location use only
- All wiring must satisfy the most current version of NFPA 72-National Fire Alarm Code and the National Electric Code

Standard Features

- Input voltage is 100-240 VAC, 1 phase, 50/60Hz or 24 VAC/ VDC
- The release device has a 10 second delay upon power failure and alarm
- Contact relays receive the alarm signal from the local detectors or fire alarm control panel
- Normally closed dry contact is required for alarm signal
- Provisions to power a 24 VDC door closing warning device upon alarm signal
- Down limit detection to prevent release of a closed door upon alarm signal: requires a closed door signal
- Maximum rated pull: 50 lbs
- Alarm test button
- UL864 listed for releasing devices for fire alarm systems
Firefly® & Firefly® BB
AR-D Release Device

Outside Dimensions

Side View

Front View

Release Device Arrangement

Smoke detector

Firefly AR-D

Sash chain or cable