

## RELAY MODULES

# W-CRF SWIFT® Wireless Relay Module

W-CRF SWIFT® wireless relay modules allow the control panel to switch contacts by code command. The relay contains an isolated set of Form C contacts, which operates as an SPDT switch.

## Overview



Feedback

W-CRF SWIFT® wireless relay modules allow the control panel to switch contacts by code command. The relay contains an isolated set of Form C contacts, which operates as an SPDT switch. Circuit connections to the relay are not supervised by the module. W-CRF SWIFT relay modules can be used to activate functions such as a remote power supply (in conjunction with a monitor module), elevator recall, door holders, and fan shutdown of wired devices or SWIFT devices within the same mesh network. The module also includes a panel-controlled LED indicator.

W-CRF SWIFT wireless modules are intelligent (addressable) modules which provide secure, reliable communication to the fire alarm control panel (FACP) across a Class A mesh network. Wireless modules create an opportunity for applications where it is costly (concrete walls/ceilings, buried wires), obtrusive (surface-mount conduit), or possibly dangerous (asbestos) to use traditional wired devices. In addition, both wired and wireless devices can be present on the same FACP providing an integrated wired-wireless solution for increased installation potential.

The mesh network within the SWIFT system creates a child-parent relationship between the devices so that each device has two parents providing a second path for communications on every device. If one device can no longer operate for any reason, the rest of the devices can still communicate with each other, directly or through one or more intermediate devices. The SWIFT system also engages frequency hopping to prevent system interference, whether intentional or accidental.

The devices communicate across the mesh network through a gateway to the FACP. The FACP views the SWIFT wireless device and another addressable device on the system providing similar detection functions and outputs as a wired counterpart. In addition, both wired and wireless devices can be present on the same FACP to meet the needs of a given application. A SWIFT wireless system can use any combination of modules, smoke and heat detectors, pull stations, and A/V bases.

- Any wireless device can be added to act as a repeater
- Requires four CR-123A batteries (included)
- Wireless installation
- Class A mesh network
- Addressable code wheels
- Commercial applications
- Bi-directional communications

**Certifications:**

- UL Listed: S2424
- CSFM: 7300-0075:0234
- FM Approved
- FCC ID: AUBWFSRM
- Standards and Codes: NFPA 72 Fire Alarm System Requirements, UL 268, UL 864

## Specifications

### Others

- **Brand**
  - Fire-Lite
- **Product Type**
  - Relay Module
- **For Use With**
  - ES-50X millimetre

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**Product Type** ◦ Relay Module

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## SKUs

SKU	DESCRIPTION
W-CRF	Wireless Relay Module