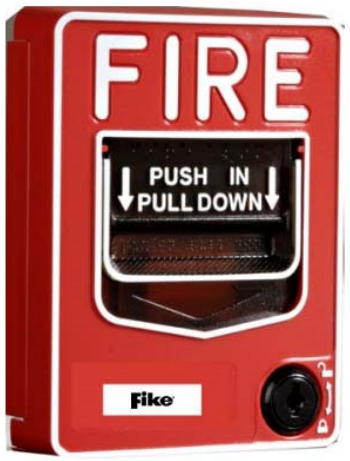
DATA SHEET

FIK-W-PULL-DA

SWIFT® Wireless Pull Station

The SWIFT addressable pull station is a dual-action, manual pull station with a key-lock reset feature that provides one addressable alarm-initiated input. The pull station features a similar aesthetic design and durable construction characteristics as the wired counterpart to blend seamlessly throughout the environment. The device communicates to the FACP through the SWIFT mesh network and gateway, and is powered by four batteries offering a 2-year UL listed battery life.



Installation is fast and straightforward by using a mounting plate that can be surface mounted. Once the mounting plate is firmly attached to the wall, the pull station is snapped into place and locked down with three screws.

The mechanical operation is simple and easy to use in an emergency with a PUSH IN/PULL DOWN handle that latches in the down position to clearly indicate the station has been operated. Simultaneously, the word “ACTIVATED” appears on top of the handle in bright yellow, further indicating the station's operation.

The wireless pull station meets the Americans with Disabilities Act Accessibility Guidelines (ADAAG) controls and operating mechanisms guidelines (section 4.1.3[13]) and the Americans with Disabilities Act (ADA) requirement for a 5-pound maximum pull force to activate the pull station and conforms to ANSI/UL Standard 38.

The SWIFT wireless system offers intelligent (addressable) devices which provide secure, reliable communication to the Fire Alarm Control Panel (FACP) across a Class A mesh network. Wireless devices 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.

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The mesh network within the SWIFT system creates a child-parent relationship between the devices. 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. Once an initial mesh network is formed, mesh restructuring automatically occurs to find the strongest paths possible within the network.

The SWIFT system also engages frequency hopping to prevent system interference, whether intentional or accidental. Each device complies with part 15 of the FCC rules meaning operation is subject to the following two conditions: 1) The device may not cause harmful interference, and 2) The device must accept any interference received, including interference that may cause undesired operation.

FEATURES AND BENEFITS

- Easy, fast, wireless installation
- Participates in a Class A mesh network
- Maintenance personnel can open station for inspection and address setting without causing an alarm condition
- Built-in tri-color LED flashes in normal operation and latches steady red when in alarm
- Handle latches in the down position, and the word “ACTIVATED” appears to clearly indicate the station has been operated
- Standard “code wheel” for setting the SLC address
- For use in commercial applications
- Smooth dual-action design
- Highly visible
- Meets ADAAG controls and operating mechanisms guidelines (Section 4.1.3[13]); meets ADA requirements for 5lb. maximum activation force
- Meets UL38, Standard for Manually Actuated Signaling Boxes
- Made of durable polycarbonate material
- Attractive shape and textured finish
- Key reset
- Includes Braille text on station handle

COMPATIBLE CONTROL PANELS

- FCP-75
- FCP-300 / FCP-300ECS
- FCP-2100 / FCP-2100ECS
- RFCP-2100

APPROVALS

The listings and approvals below apply to the FIK-W-PULL-DA. Certain devices may not be listed by certain approval agencies or listing may be in process in some cases. Consult the factory for the latest listing status.

- UL
- FM Approved
- CSFM
- FCC ID: AUBWFSPS

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

PHYSICAL / OPERATING	
Dimensions (HxWxD):	5.6” x 4.2” x 2.1” (142 x 107 x 53 mm)
Maximum Transmit RF Power:	17 dBm
Radio Frequency Range:	902 – 928 MHz
Temperature Range:	32°F to 120°F (0°C to 49°C)
Humidity:	10% to 93% RH, non-condensing
Battery Type:	4 Panasonic® CR123A or 4 Duracell® DL 123A
Battery Life:	Two years (replace battery upon TROUBLE BATTERY LOW display and/or during annual maintenance)

ORDERING INFORMATION

Part Number	Description
FIK-W-PULL-DA	Wireless addressable pull station. Requires (4) CR-123A batteries (included).
FIK-W-WGI	Wireless SWIFT Gateway. One SWIFT Gateway is required for each wireless mesh and supports up to 49 SWIFT detectors or modules. Connects to the SLC loop of a compatible panel using FIK-IDP protocol. Power may be supplied by the SLC circuit or via an optional 24 VDC input.*
FIK-W-PHOTO	Intelligent, wireless photo detector. Requires one B210W base for installation. Requires (4) CR-123A batteries (included).
FIK-W-ACCLIMATE	Intelligent, wireless Acclimate® heat and photo detector using combined heat and smoke sensor information and the ability to automatically adjust sensitivity based on ambient changes in the environment. Requires one B210W base for installation. Requires (4) CR-123A batteries (included).
FIK-W-HEAT-ROR	Intelligent wireless rate of rise (135°F) heat detector. Requires one B210W base for installation. It required (4) CR-123A batteries (included).
FIK-W-HEAT	Intelligent wireless fixed-temperature (135°F) heat detector. Requires one B210W base for installation. Requires (4) CR-123A batteries (included).
FIK-W-MONITOR	Wireless monitor module. It is used to monitor devices with mechanical contact actuation. Includes a special cover with a built-in tamper magnet. It is recommended for installation in a SMB500-WH box (ordered separately) rather than a metal backbox for best performance. Requires (4) CR-123A batteries (included).
FIK-W-RELAY	Wireless relay module for use with the FIK-W-WGI wireless gateway. Includes a special cover with a built-in tamper magnet. It is recommended for installation in a SMB500-WH box (ordered separately) rather than a metal backbox for best performance. Requires (4) CR-123A batteries (included).
WAV-CRL, WAV-CWL	SWIFT Wireless Addressable A/V bases. Required (8) CR-123A batteries (included). Requires a non-compact ceiling System Sensor® L-series notification device (ordered separately.
W-SYNC	Wireless sync module. Requires (4) CR-123A batteries (included).
SMB500-WH	Optional surface-mount back box.
B210W	Detector base used for wireless detectors. Includes a built-in magnet so that wireless devices can establish installed and tampered states.
SWIFT Tools	Programming and diagnostic utility.
W-USB	Wireless USB radio/antenna dongle that plugs into the USB port of a PC running SWIFT tools. Provides a communication link with the SWIFT Wireless devices.
W-BATCART	Wireless battery cartridge. 10-pack. For use with wireless pull stations and A/V bases.

*Use of the 24 VDC input may be more convenient for service as it allows for powering down a gateway without shutting down an SLC loop.

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