

## Fire Watch

### Fire Watch - UL Input/Output Module



#### Product Overview

| Product               | Input/Output Module |
|-----------------------|---------------------|
| Part No.              | FW4705-703          |
| Digital Communication | FW Protocol         |

#### Approvals



#### Product Information

The FW Input / Output Module is a loop-powered device that combines a monitored input circuit for connection to remote switches, and a 240 volt-rated dry-contact relay output.

- Built-in isolator and visible LED
- Loop Powered
- Ground Fault detection
- Improved design for ease of wiring

#### Technical Data

All specifications are subject to change without notice. Specifications are typical at 24 VDC, 73°F, and 50% RH unless otherwise stated.

Product Operating Temperature: 32 to 120°F

Humidity: 10 to 93% RH, no condensation or icing

Standards/Approvals: UL and FM

Dimensions: 4.9" W x 4.9" H x 1.175" D

Housing material: UL94 V-0 polycarbonate

Wire size: 12 – 24 AWG

LED status:

Green: Polling

Yellow: Isolation

Red: Alarm

Signaling Line Circuit (SLC): Supervised, Power Limited

Supply Voltage: 17 to 28 VDC

Modulation Voltage: 5 to 9 VDC, peak to peak

Supervisory Current: 500  $\mu$ A

Switch-on Surge Current: 900  $\mu$ A

Alarm Operated Current, LED ON: 1.6 mA per LED

Maximum Loop Current: 1A

Initiating Device Circuit (IDC):

Wiring Style: Class A / Class B

Class B EOL Resistor: 47k  $\Omega$

Voltage: 3.3 VDC

Line Impedance: 100  $\Omega$  maximum

Output Circuit: Programmable dry contact relay, programmable. 30 VDC @ 4 amps, resistive, 240 VAC, 4 amps resistive