

## Limited Warranty

DSC warrants that for a period of one year from the date of purchase, the product shall be free of defects in material and workmanship under normal use and that in fulfillment of any breach of such warranty, DSC shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in materials and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of DSC such as, lightning, excessive voltage, mechanical shock, water damage or damage arising out of abuse, alteration or improper application of the product.

The foregoing warranty shall apply only to the original buyer, and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of DSC. This warranty contains the entire warranty. DSC neither assumes, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor assume for it any other warranty or liability concerning this product.

In no event shall DSC be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

### *Important!*

**DSC recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to but not limited to criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.**

# INSTALLATION INSTRUCTIONS

## AML-710 Contact Module



The AML-710 is an addressable class B contact zone module intended for use with a compatible fire control panel. The zone sensor circuitry activates the unit to send an alarm signal to the control panel for a contact closure, or a fault signal for an open circuit condition. The unit resets automatically when the alarm or fault condition clears.

## SPECIFICATIONS

- Voltage ... 11 to 27VDC (12 or 24Vdc Nom)
- SLC Current Standby ... 900  $\mu$ A Alarm ... 1.2mA MAX
- EOLR ... 10K $\Omega$   $\pm$  5%
- Zone Resistance Limits Fault ... 23.6K $\Omega$  - Open Normal ... 5.9K $\Omega$  - 16.9K $\Omega$  Alarm ... Short - 4.2K $\Omega$
- Zone Volts ... 0VDC - 3.4VDC MAX 1.7VDC ...NOM

### Models

- AML-710A -ULC ver
- AML-710B - UL ver
- AML-710C - Intl ver.

### Compatible Control Panels

- CFP-900

### Compatible Detectors

- Any alarm initiating device with Normally Open contacts

## Operation

### Automatic Reports

- Zone alarm
- Device missing
- Zone trouble (open zone wiring)
- Unenrolled unit trouble
- Low voltage trouble

### Reports on Demand

- Module type ID
- Serial number
- Vendor ID
- Date of manufacture



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# AML-710 Contact Module

## INSTALLATION

The AML-710 contact module mounts internally in a standard 2 gang electrical junction box, 4" square junction box or a surface mount AML-900 box.

Refer to the accompanying illustrations

1. Mount the AML-710 in the back box of a heat detector, manual pull station, or 4 wire smoke detector that is powered from a separate source, using the two screws provided or tie wrap. Use #30 drill bit for screw hole if required.
2. Disconnect the SLC loop from the control panel. Connect the Red (+) and Black (-) leads of the AML-710 module to the leads originating from the control panel.
3. Connect the white (+) and yellow leads of the AML-710 to the contact outputs.
4. Terminate the last contact pair, with a  $10K\Omega \pm 5\%$  Resistor.
5. Reconnect SLC loop to the control panel.
6. Verify correct operation.

