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 responsibility for, 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

CFP-152/155
Class 'A' Zone Input Module

The CFP-152 Zone Input module converts the two zones on the CFP-102 fire alarm control panel from Class 'B' Style 'B' to Class 'A' Style 'D'. The CFP-155 Zone Input module converts the five zones on the CFP-105 fire alarm control panel from Class 'B' Style 'B' to Class 'A' Style 'D'.
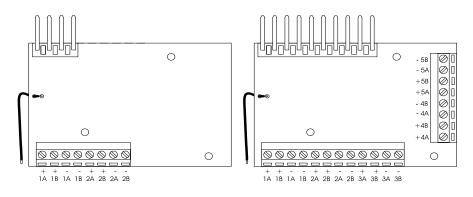
SPECIFICATIONS

- Voltage: 24 V$_{DC}$ (nom)
- Standby current: CFP-152 ... 2 mA, CFP-155 ... 5 mA
- Alarm current: 60 mA (max)
- Loop Resistance: 100 Ω (max)
- Devices per zone: 20 @ 100µA each

NOTE: *This component must be included in the control panel battery calculation. Refer to the Standby Battery Calculation Sheet (PN# 29005851) included with the control panel.*

CFP-152

CFP-155

INSTALLATION

The CFP-152/155 module mounts in the corresponding CFP-102/105 fire alarm back box. Refer to Figure 1.

1. Place the supplied spacers (2) on the pem studs.

2. Insert the module header pins into the corresponding Class 'B' zone terminals on the main board.

3. Secure the module to the the studs with the nuts provided (2).

4. Connect the electrical common wire on the module to the 'COM' terminal on the main panel.

5. Tighten all zone terminal screws to ensure reliable electrical connections between the main panel and the CFP-152/155 module.

NOTE

Refer to the CFP-102 or CFP-105 *Installation Manual for* **instructions on zone programming, and mixing smoke detectors and contact alarm initiating devices on the same zone.**

Figure 1   Typical Class A, Style D zone wiring

Zone Terminals on CFP-102/105
Fire Alarm Control Unit Main Board

Header

Header inserts into zone terminals on CFP-102/105 Fire Alarm Control Unit main board

Mount on PEM Studs located on control panel

20 Smoke/Heat Detectors maximum

Common

- 5B
- 5A
+5B
+5A
- 4B
- 4A
+4B
+4A

+	+	-	-	+	+	-	-	+	+	-	-
1A	1B	1A	1B	2A	2B	2A	2B	3A	3B	3A	3B

Wire Run Distance from Panel (max)

AWG	Length Feet	Length Meters
18	7,690	2,345
16	12,195	3,717
14	19,230	5,861