



MS-5210UD Basic System Connections

Color Legend

- (number) Installation Document Number
- (text) Installation Information
- Operating Power
- Communications Circuit
- Initiating Device Circuit

DC Power Outputs (24 VDC)

Supervise with a power supervision relay A77-716B

Nonresettable Power - 24 VDC filtered, power-limited (500mA) to NAC annunciator circuits. Supervision required.

Resettable Power - 24 VDC filtered, power-limited (500mA) to smoke detectors (IDC). Supervision required.

24 VDC Notification Appliance Circuits

Style Y (Class B)
3.0 amps max.



Form-A Relays

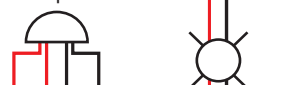
Contact Ratings:
2.0 amps @ 30 VDC (resistive)
5.0 amps @ 125 VAC (resistive)
Relays automatically change to Normally Closed (energized) when programmed for activation on Trouble



24 VDC Notification Appliance Circuits

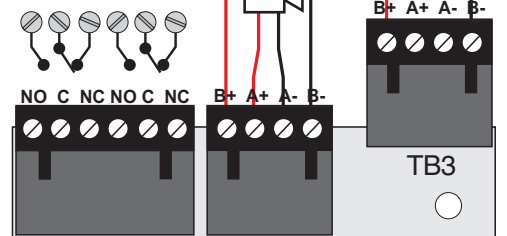
NAC #4
Style Y (Class B)
1.5 amps max.

NAC #3
Style Z (Class A)
1.5 amps max.



Form-C Relays

Resistive
Contact Ratings:
2.0 amps @ 30 VDC
0.6 amps @ 125 VAC



NAC-REM (NAC/Relay) Module

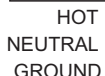
J1 Connector (underside) connects to J7 Connector on Main Circuit Board



J2 & J3 - Transformer Connections

CAUTION! HIGH VOLTAGE

AC Power
120 VAC, 60 HZ, 2.3 amps
240 VAC, 50 HZ, 1.2 amps

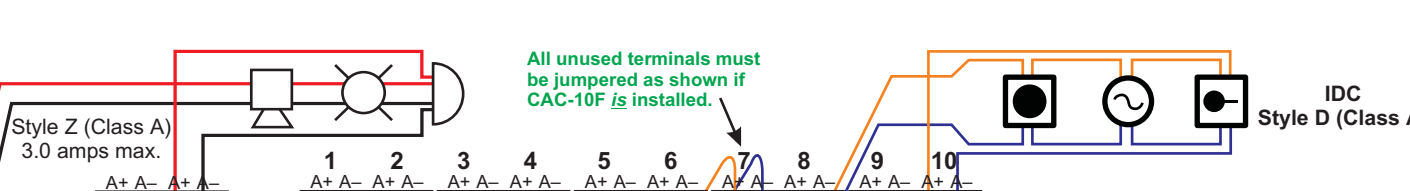
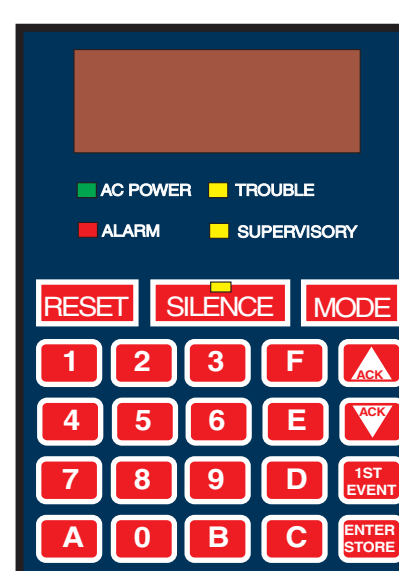
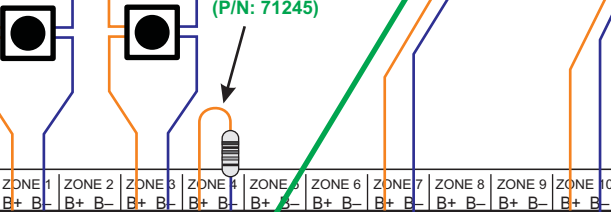
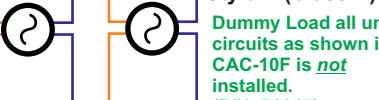


J1 - Battery Connector

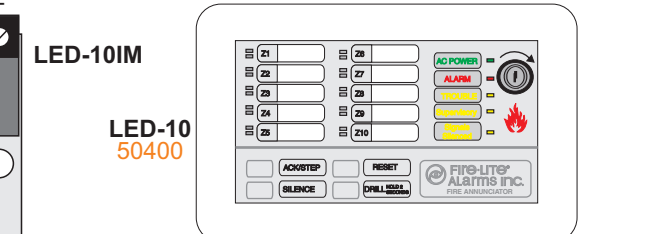
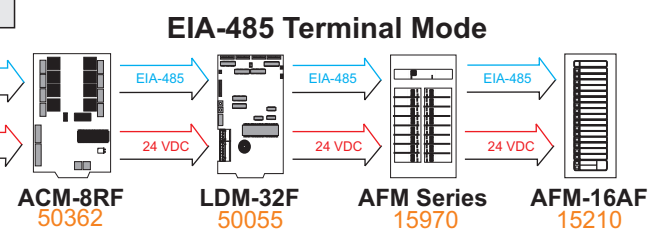


Initiating Device Circuits

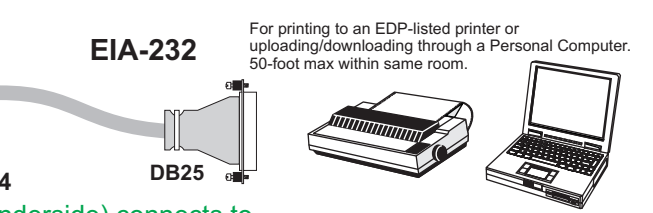
IDC Style B (Class B)
Dummy Load all unused circuits as shown if CAC-10F is not installed. (P/N: 71245)



J1 Connector (underside) connects to J10 Connector on Main Circuit Board



J1 Connector (underside) connects to J6 Connector on Main Circuit Board



J1 Connector (underside) connects to J4 Connector on Main Circuit Board

