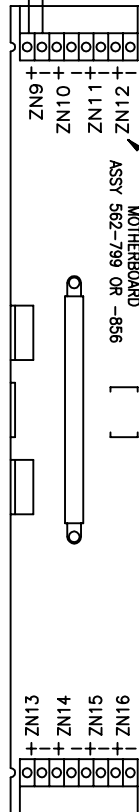
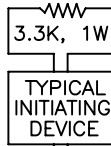


STYLE B (CLASS B) MONITOR ZONE TERMINATIONS

TYPICAL INITIATING DEVICE
WIRING, REFER TO SPECIFIC DEVICE
WIRING 841-687 REV N

SEE SUPERVISED
CIRCUIT RATING



SUPERVISED CIRCUIT RATING

- STANDBY VOLTAGE RANGE AT DETECTOR...16.5 - 32VDC
- MAXIMUM DETECTOR STANDBY LOAD CURRENT...3.0mA
- MAXIMUM ALARM (SHORT) CIRCUIT CURRENT...60mA
- MAXIMUM LINE RESISTANCE...50 OHMS
- RIPPLE.....8% AT 120HZ
- EOL RESISTANCE....3300 OHMS

NOTES:

1. IF ZONE IS NOT USED CONNECT A 3.3K, 1W RESISTOR ACROSS ZONE TERMINALS AS SHOWN ON ZONE 5.
2. MINIMUM 1.5 mm² OR TO LOCAL CODE.
3. ALL DEVICE WIRING TO BE TERMINATED TO THE APPROPRIATE ZONE AS SHOWN ON ZONE 1.
4. CONDUCTORS MUST TEST FREE OF ALL GROUNDS.
5. WHEN USING SMOKE DETECTOR BASE WITH RELAY, REMOVE RESISTOR FROM BASE TERMINALS L1 & S3. WIRE ONLY ONE BASE/RELAY PER INITIATE CIRCUIT.
6. WIRING IS TYPICAL. ALL DETECTOR TYPES MAY BE WIRED TO ANY ZONE
7. EACH ZONE IS MARKED WITH ITS CIRCUIT NUMBER, ZN1,ZN2,ZN3,...ZN128. REFER TO "4100 PROGRAMMER REPORT" WHICH REFERENCES THE EXACT WIRES CONNECTED, PER JOB.
8. FOR ZONES THAT CONNECT TO CONTACTS ONLY, MAX LINE RESISTANCE IS 800 OHMS.

SIZE	DWG NO.
A	841-731
AL	SL393

TITLE		FIELD WIRING DIAGRAM	
EQUIP		4100	
SIZE	DWG NO.	SHT	
A	841-731	3	

REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ISSUED FOR GRAL INFORMATION	01/08/01	G.Fiala
REFERENCE DRAWINGS - TITLES			
1	84173103 - FIELD WIRING DIAGRAM		
2			
3			

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IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO VERIFY OVERALL DIMENSIONS, CABLE ENTRIES AND SITE ACCESS FOR THE POSITIONING OF ALL EQUIPMENT.

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DESIGNED	G.Fiala	CLIENT		DRAWING NUMBER	841A-731-02	
DRAWN	MVL	DRAWING TITLE		SHEET SIZE	A4	ISSUE
CHECKED				DRAWING STATUS	INTERNAL	
DATE	01/08/01			FOREIGN NUMBER	84173103	
SCALE	NTS	PROJECT	FIELD WIRING DIAGRAM			

DWG LOCATION : C:\CAD FILES\4100\Field Wiring\ PLOT DATE : 07/09/01 13:22
RE-PLOT DATE :

DWG NAME : 841-731-03.dwg
DWG DATE : 07/09/01 13:20