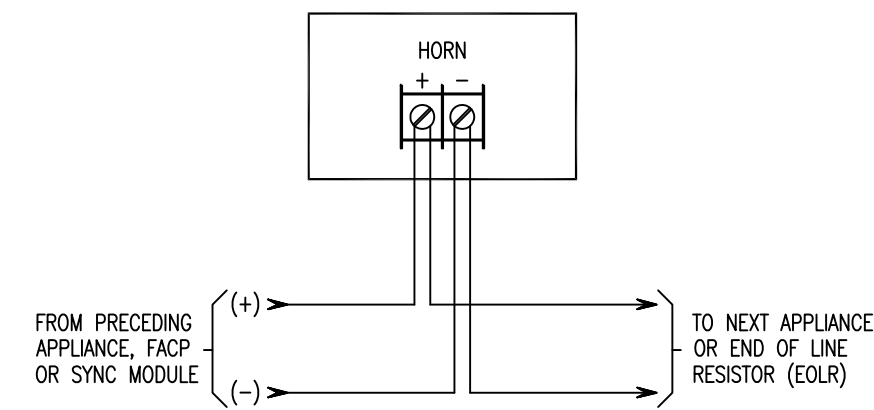
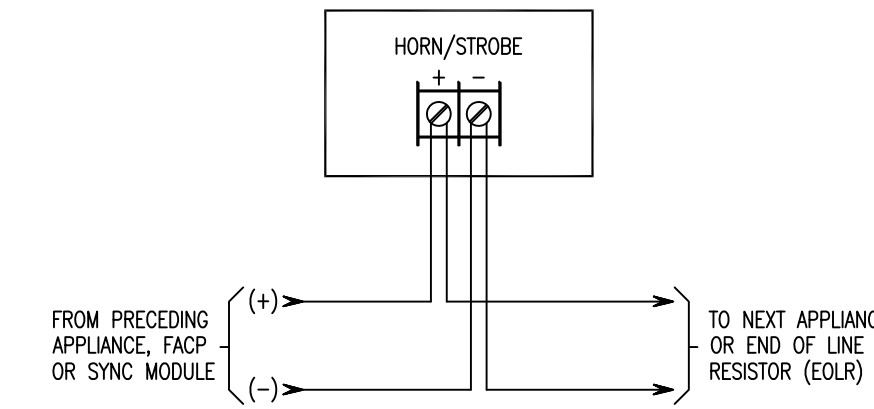


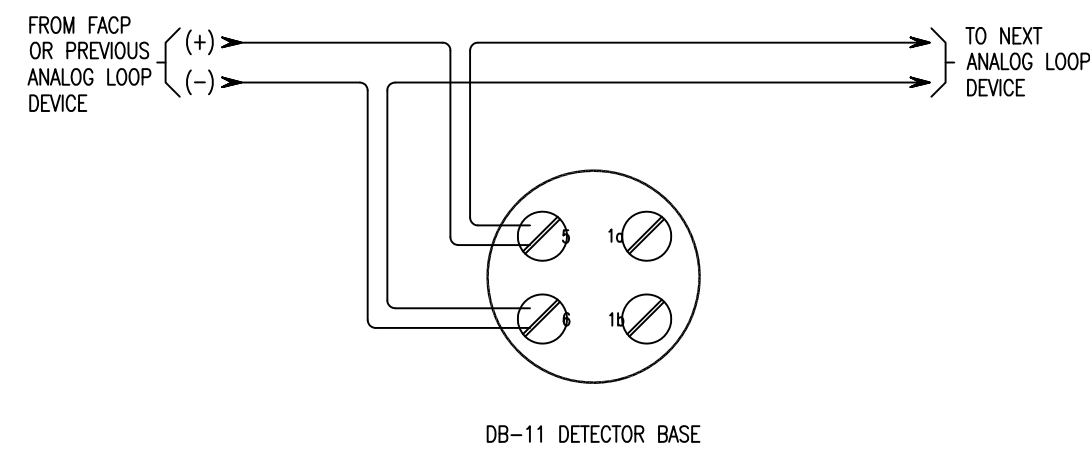
TYPICAL WIRING OF FIELD DEVICES



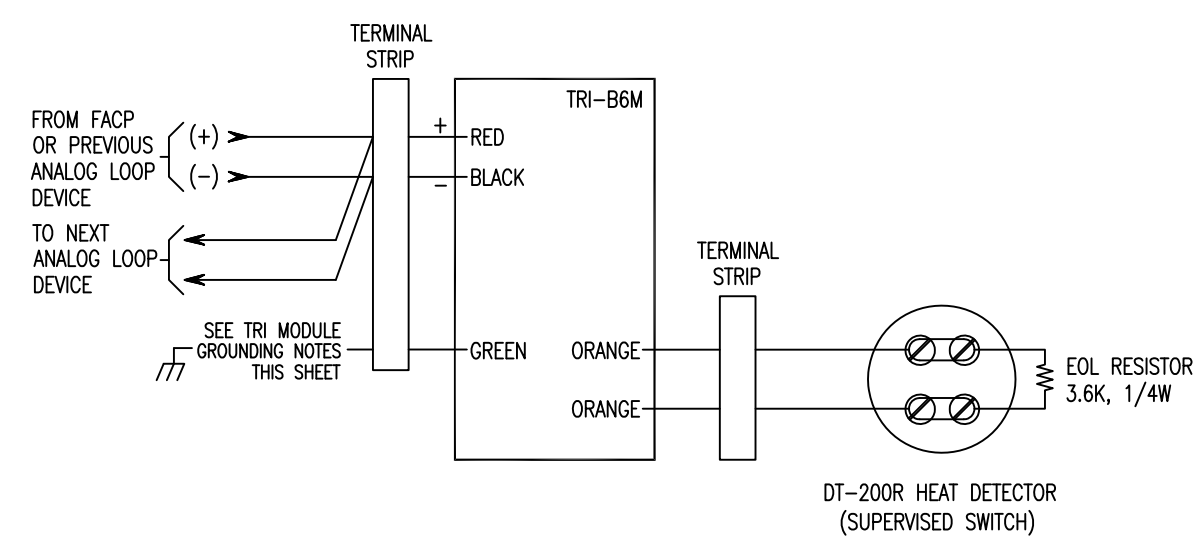
AH-24WP WEATHERPROOF HORN, 24VDC
(Indoor / Outdoor Appliance)



NS-24MCW HORN/STROBE, 24VDC
(Multi Candela Two Wire Appliance)



FPT-11 INTELLIGENT THERMAL DETECTOR
with DB-11 DETECTOR BASE

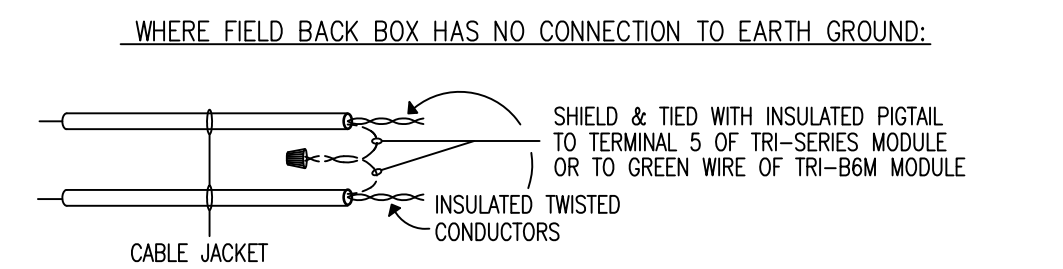
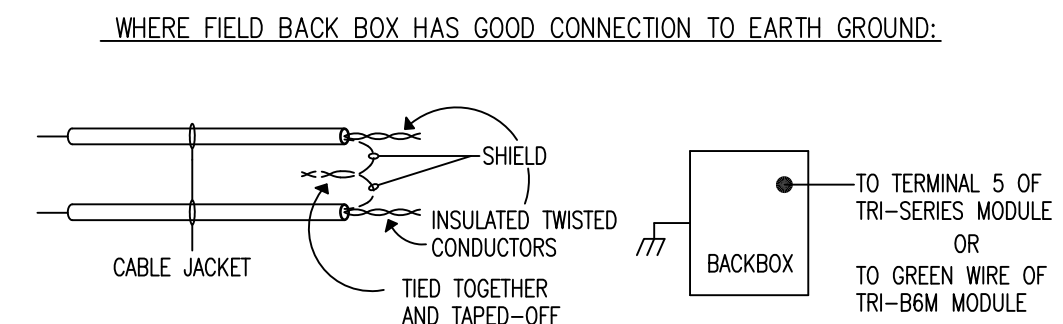


TRI-B6M MINI-INTERFACE MODULE, SINGLE INPUT
for MONITORING DT-200R CONVENTIONAL HEAT DETECTOR

TRI-S/TRI-R/TRI-D GROUNDING NOTES

- CAUTION: GROUND SHIELD ONLY AT THE SPECIFIED LOCATION ON THE CONTROL PANEL.
 - IMPORTANT: TERMINAL 5 OF THE TRI-S/TRI-R/TRI-D MUST BE CONNECTED TO A KNOWN GOOD EARTH GROUND FOR PROPER OPERATION.
 - IF A GOOD LOCAL EARTH GROUND IS AVAILABLE:
 - TERMINAL 5 MUST BE CONNECTED TO EARTH GROUND.
 - USE WIRE NUTS TO PASS THE SHIELD WIRE THROUGH THE ELECTRICAL BOX WITH NO CONNECTION TO THE DEVICE TERMINAL BLOCK OR TO LOCAL GROUND.
 - USE SHIELDED WIRE TO CONNECT THE SWITCH WIRING.
 - TIE THE SWITCH WIRING SHIELD TO THE AID WIRING SHIELD. DO NOT CONNECT SHIELD TO TERMINAL 5 OR THE LOCAL EARTH GROUND.
 - IF A GOOD LOCAL EARTH GROUND IS NOT AVAILABLE:
 - CONNECT SHIELD TO TERMINAL 5
 - IF AID WIRING IS NOT SHIELDED, THE SWITCH WIRING MUST BE IN METAL RACEWAY.
- REFER TO INSTALLATION INSTRUCTIONS P/N 315-096242-2 FOR FURTHER DETAILS

TYPICAL TRI MODULE GROUNDING DETAIL

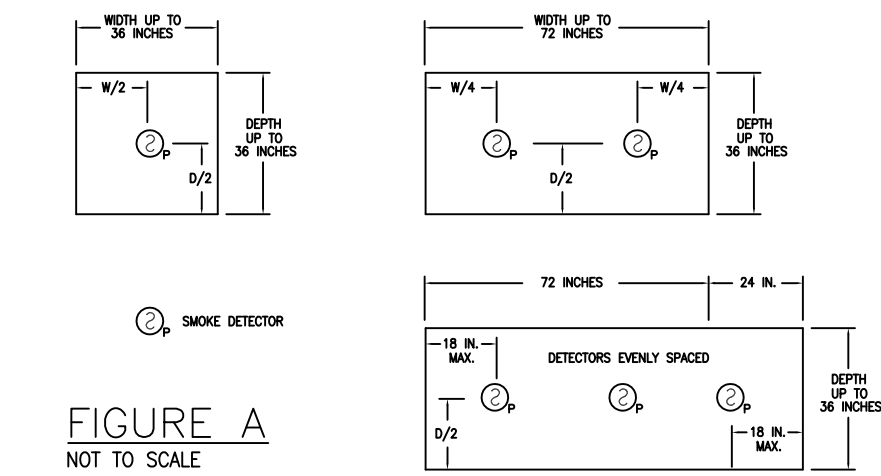


TYPICAL LOCATION OF SMOKE DETECTOR(S) IN RETURN AIR SYSTEMS
FOR SELECTIVE OPERATION OF EQUIPMENT

- DETECTORS LISTED FOR THE AIR VELOCITY PRESENT MAY BE INSTALLED AT THE OPENING WHERE THE RETURN AIR ENTERS THE COMMON AIR SYSTEM. THE DETECTORS SHOULD BE INSTALLED UP TO 12 INCHES (305mm) IN FRONT OR BEHIND THE OPENING AND SPACED ACCORDING TO THE FOLLOWING DIMENSIONS & FIGURE A BELOW (NFPA 72 - 1999, A-5-10.5.2.2):
- WIDTH (W)
 - UP TO 36 INCHES (914mm) - ONE DETECTOR CENTERED IN OPENING
 - UP TO 72 INCHES (1829mm) - TWO DETECTORS LOCATED AT THE 1/4 POINTS OF OPENING
 - OVER 72 INCHES (1829mm) - ONE ADDITIONAL DETECTOR FOR EACH FULL 24 INCHES OF OPENING
 - DEPTH (D)

THE NUMBER AND SPACING OF THE DETECTORS IN THE DEPTH (VERTICAL) OF THE OPENING SHOULD BE THE SAME AS THOSE GIVEN FOR THE WIDTH (HORIZONTAL) ABOVE.
 - ORIENTATION

DETECTORS SHOULD BE ORIENTED IN THE MOST FAVORABLE POSITION FOR SMOKE ENTRY WITH RESPECT TO THE DIRECTION OF AIR FLOW. THE PAIR OF A PROTECTED BEAM-TYPE DETECTOR ACROSS THE RETURN AIR OPENINGS SHOULD BE CONSIDERED EQUIVALENT IN COVERAGE TO A ROW OF INDIVIDUAL DETECTORS.



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REVISIONS

No.	Revision	By	Date	Appr.

KEY PLAN
C10 STAMP:

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4200 FARM HILL BLVD.
REDWOOD CITY, CA 94061

ATHLETIC FIELD PROJECT
MODULAR BUILDINGS

SHEET CONTENTS:
WIRING DETAIL OF FIELD DEVICES

- INSTALLATION TYPE
- NEW INSTALLATION
 - DESIGN/BUILD
 - PER CONTRACT DOCUMENT
 - EXISTING BASE JOB # _____
 - OTHERS _____

SYSTEM SALES REP: K. Rogers	PROJECT MANAGER: K. Kudrlik
DRAWN BY: L.B. Terrado	CAD FILENAME: 05-WD.DWG
SCALE: Not Applicable	DATE DRAWN: September 30, 2005
ISSUE DATE: September 29, 2005	SHEET 5 OF 6
JOB NUMBER: 10-9084	

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