



NOTES:

1. ALL INCOMING FIELD WIRING TO BE STRANDED AND SIZED 14 AWG. MIN. EXCEPT AS NOTED.
2. ALL DRY CONTACTS SUPPLIED BY METRON ARE RATED 10 AMPS AT 28 VDC/115 VAC.
3. TERMINAL 12 USED ON CATERPILLAR ENGINES ONLY.
4. TERMINAL 1 NOT USED ON CATERPILLAR ENGINES.
5. TERMINAL 7 NOT USED ON MOST ENGINES BUILT AFTER 1987, REFER TO ENGINE MANUFACTURER'S WIRING DIAGRAM.
6. NOTE: IT IS CRITICAL THAT ALL LEADS FROM THE BATTERY CHARGER TO THE BATTERY BE TIGHT AND FREE OF CORROSION. LOOSE TERMINALS OR CORRODED TERMINALS WILL RESULT IN A BATTERY CHARGER FAULT OR UNRELIABLE CHARGER OPERATION. TO ENSURE RECHARGE TIME IN 24 HOURS, WIRE LENGTHS SHOULD BE AS SHORT AS POSSIBLE. IN THE CASE OF WIRE LENGTHS FROM THE CONTROLLER TO THE BATTERIES AND BACK ARE IN EXCESS OF 25 FT, LARGER WIRE THAN 10 AWG MAY BE REQUIRED.

- — DENOTES TERMINALS ON 1T LOCATED ON FRONT BOTTOM OF RELAY PANEL.
- — DENOTES REMOTE TERMINALS LOCATED ON ENGINE JUNCTION BOX.

DRAWN	SR	2-12-99	METRON, INC. DENVER, CO.
CHECK	KH	2-12-99	
APPD	J.S.	2-12-99	
RELAY PANEL LAYOUT & EXTERNAL HOOKUP MODEL FD2, NEGATIVE OR POSITIVE GND. ENGINE DRIVEN FIRE PUMP CONTROLLER			OPTIONS: CH33283B
SCALE N.T.S.			SHEET 1 OF 1