

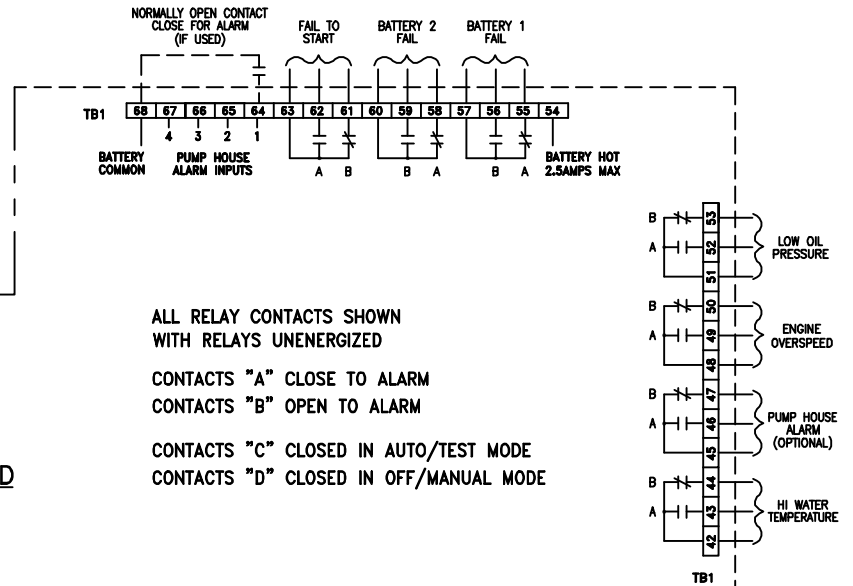
Wiring Diagram

Diesel Driven Fire Pump Controller External Connection - Standard X-2000

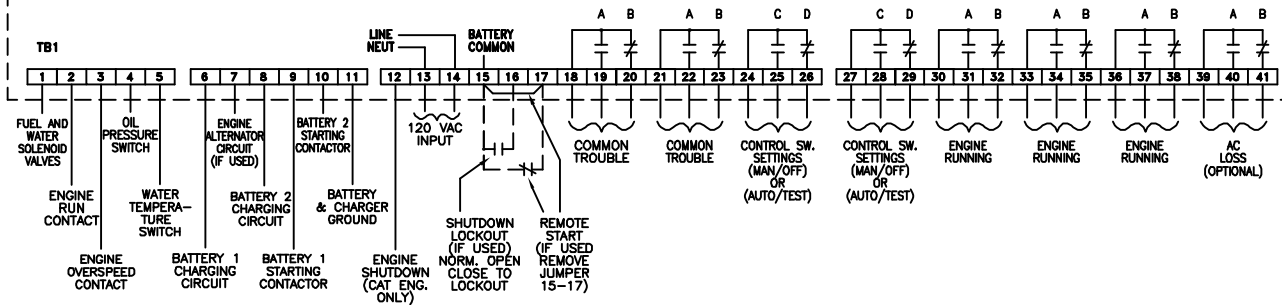
- WIRE SIZES -

USE #14 AWG WIRE MINIMUM FOR ALL ELECTRICAL CONNECTIONS EXCEPT AS SHOWN IN TABLE BELOW FOR BATTERY CHARGER

FROM TERMINALS 6,7,8 AND 11 TO TERMINAL BLOCK ON ENGINE LINEAR FEET OF WIRE	MINIMUM WIRE SIZE
UP TO 25' (7.62m)	#10 AWG
25' TO 50' (7.62m-15.24m)	#8 AWG



RELAY MOTHERBOARD



- GENERAL NOTES -

- CONTACTS ARE RATED 10 AMPERES AT 120 V.A.C.
- NO CONNECTION TO TERMINAL 12 FOR ALL MURPHY AND G.M. CLARKE ENGINES.
- NO CONNECTION TO TERMINAL 12 FOR CUMMINS V378, V504 ENGINES.
- NO CONNECTION TO TERMINALS 12 & 7 FOR ALL OTHER CUMMINS ENGINES.
- NO CONNECTION TO TERMINALS 1 & 7 FOR ALL CATERPILLAR ENGINES.
- REFER TO THE FACTORY FOR FIELD CONNECTION DIAGRAMS TO BE USED WITH DIESEL ENGINES SUPPLIED BY OTHER MANUFACTURERS.
- TERMINALS 1 THROUGH 11 CONNECT TO LIKE NUMBERED TERMINALS ON THE ENGINE BLOCK, SOME ENGINES MAY NOT USE ALL TERMINALS. REFER TO ENGINE MANUFACTURERS WIRING DIAGRAM FOR CORRECT CONNECTIONS.
- ENGINE TROUBLE ALARM CIRCUITS OPERATE IF ANY ONE OR MORE OF THE FOLLOWING TROUBLES OCCUR; ENGINE OVERSPEED, LOW OIL PRESSURE, HIGH WATER TEMPERATURE OR BATTERY FAILURE.



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