

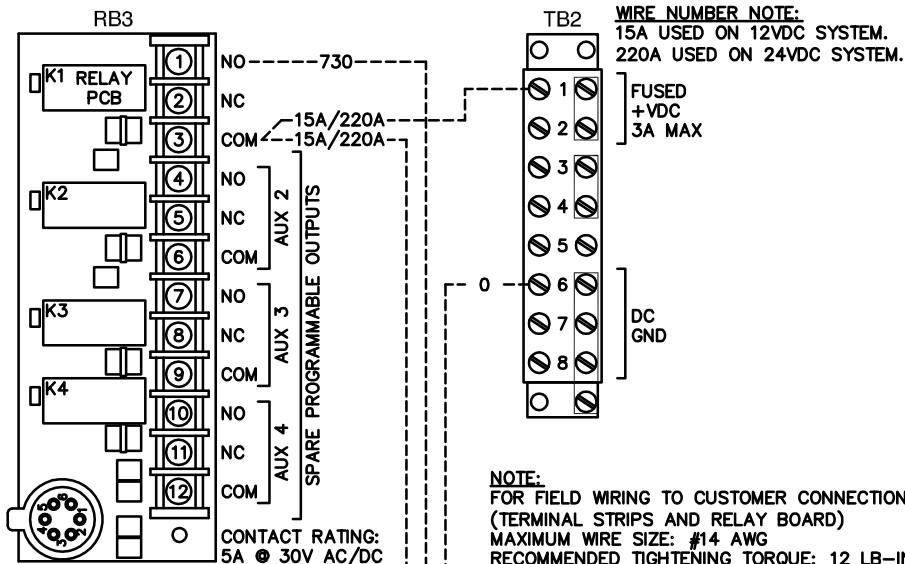
WIRING - DIAGRAM
H-PANEL REMOTE FUEL 90% FULL ALARM
DRAWING #: 0J7654

HIGH FUEL LEVEL REMOTE ALARM BOX

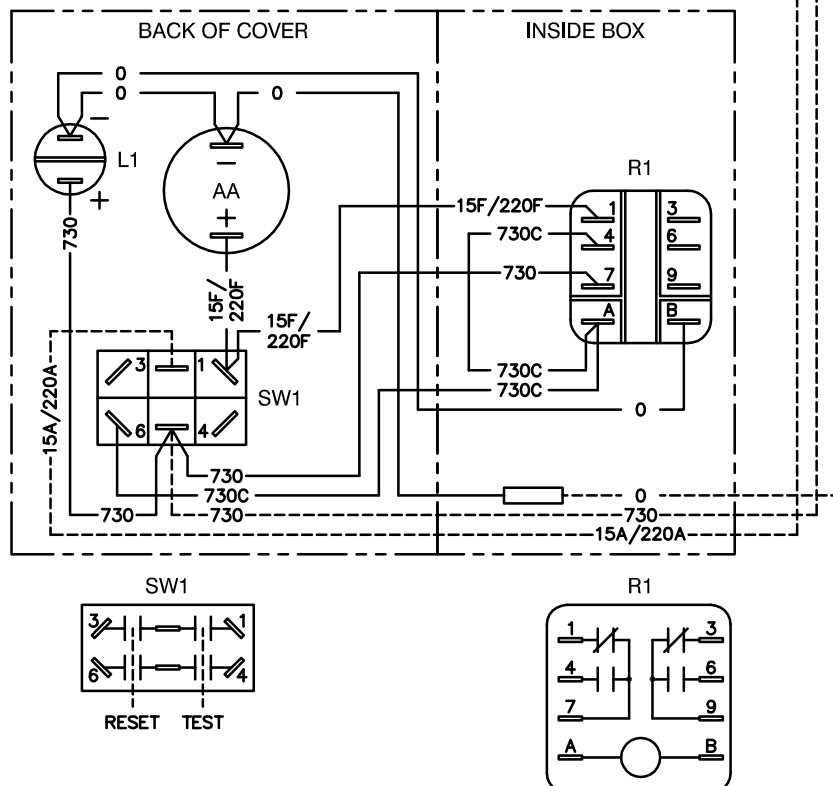
*** UNITS AFTER 1ST QUARTER 2011 ***

FOR GENERATORS WITH LOW VOLTAGE CUSTOMER CONNECTION BOX
(BOX LOCATED UNDER CONTROL PANEL)

LOW VOLTAGE CUSTOMER CONNECTION BOX



REMOTE ALARM BOX



H-100 PROGRAMMING NOTES:

- "GENLINK-DCP" PROGRAM IS REQUIRED TO CHANGE THE FOLLOWING ANALOG INPUT CHANNEL (AI) CONFIGURATION TO MATCH WHAT IS SHOWN BELOW.

Analog Input Channel Identification				Analog Input Processing				
Channel ID	23			Coefficient 1	85			
Display Text	90% ALARM HYST			Coefficient 2	0			
Units Text	%			Coefficient 3	0			
Event Logging				Function				
Event set point 0				Calibration 1.0000				
Event Comparison GT				Scaling 1.0000				
				*Analog Input Source				
				Analog Input Source Built-In Analog Input				
ALARM/WARNING CONFIGURATION ----- Note: GT = Greater Than LT = Less Than								
	DISABLE	LT	GT	SETPOINT	DELAY SECTION			
					A	B	NONE	
ALARM 1	☒	☐	☐	0	☐	☐	☒	☐
ALARM 2	☒	☐	☐	0	☐	☐	☒	☐ Dial-out on Alarms
WARNING 1	☒	☐	☐	0	☐	☐	☒	☐
WARNING 2	☒	☐	☐	0	☐	☐	☒	☐ Dial-out on Warnings
LT/GT TYPE Enabled when		ALWAYS ENABLED		ALWAYS ENABLED				
Common Settings								
☐ Sensor Failure Check		Hysteresis 0		Delay A 0.0		sec		
☐ Shutdown on Sensor Failure				Delay B 0.0		sec		
Prev		Next		Go to ... 23		Print		
						Refresh		
						Apply		
						Close		
						Help		

ANALOG INPUT #23 (DI#23) - 90% ALARM HYST

- AI#23 IS USED WITH NEW 90% FUEL FILL ALARM .ILC PROGRAMS TO GIVE .ILC A HYSTERESIS ADJUSTMENT TO ELIMINATE DIESEL FUEL THERMAL EXPANSION AND CONTRACTION ISSUES SURROUNDING THE 90% FUEL LEVEL ALARM WHICH TRIPPED ANYTIME IT TRIGGERED AT 90%.
- AI#23 DEFAULT SETTING IS 85 WHICH IS 85%. THIS CAN BE ADJUSTED AS NEEDED.
- THE 90% ALARM .ILC RELAY WILL REMAIN LATCHED TILL IT IS LESS THAN THE AI# 23 VALUE.
- NOTE FOR ALL PERKINS UNITS: AI# 23 WILL BE PROGRAMMED FOR "FUEL TEMP" WHICH IS NOT NEEDED FOR OPERATION OF UNIT. THIS "FUEL TEMP" CAN BE RELOCATED TO ANOTHER OPEN ANALOG INPUT. ON H-PANELS AI# 6 OR 8 MAY BE AVAILABLE, AS NEEDED. AI#23 NEEDS TO BE PROGRAMMED AS SHOWN ABOVE IN ORDER FOR PROPER OPERATION OF 90% ALARM .ILC OPERATIONS.
- * "ANALOG INPUT SOURCE" SECTION IS PRESENT ONLY WHEN UNIT HAS AN ENGINE THAT COMMUNICATES THRU CANBUS. IF PRESENT, CHANGE TO "Built-In Analog Input".

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