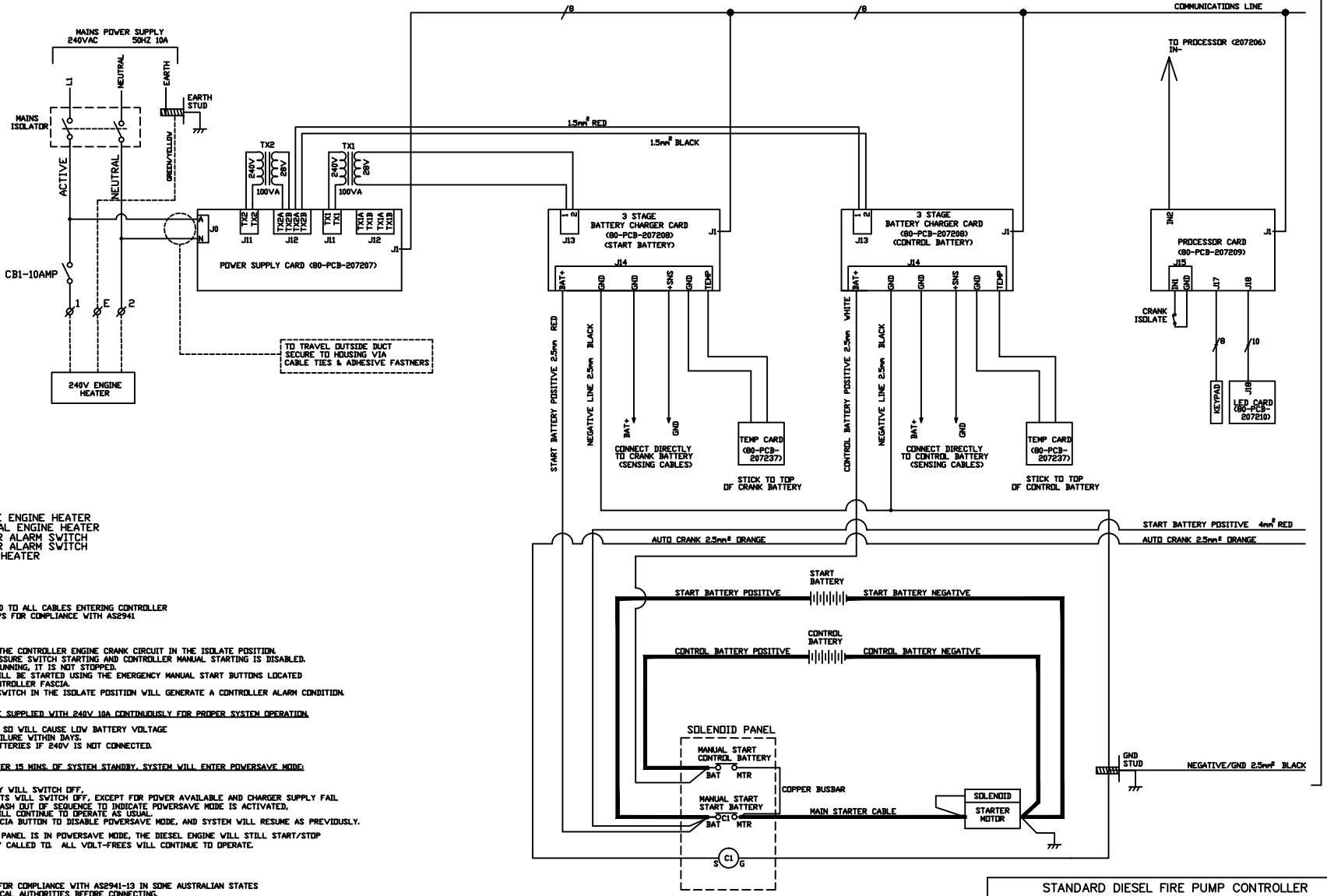

TERMINATIONS

1. 240VAC ACTIVE ENGINE HEATER
2. 240VAC NEUTRAL ENGINE HEATER
3. JACKET HEATER ALARM SWITCH
4. JACKET HEATER ALARM SWITCH
E. EARTH ENGINE HEATER

WIRE NUMBERS:

MUST BE FITTED TO ALL CABLES ENTERING CONTROLLER
TERMINAL STRIPS FOR COMPLIANCE WITH AS2941

CRANK ISOLATE SWITCH:

WILL DISABLE THE CONTROLLER ENGINE CRANK CIRCUIT IN THE ISOLATE POSITION.
AUTOMATIC PRESSURE SWITCH STARTING AND CONTROLLER MANUAL STARTING IS DISABLED.
IF ENGINE IS RUNNING, IT IS NOT STOPPED.
ENGINE CAN STILL BE STARTED USING THE EMERGENCY MANUAL START BUTTONS LOCATED
BELOW THE CONTROLLER FASCIA.
PLACING THIS SWITCH IN THE ISOLATE POSITION WILL GENERATE A CONTROLLER ALARM CONDITION.

THIS CONTROLLER MUST BE SUPPLIED WITH 240V 10A CONTINUOUSLY FOR PROPER SYSTEM OPERATION.

FAILURE TO DO SO WILL CAUSE LOW BATTERY VOLTAGE
AND SYSTEM FAILURE WITHIN DAYS.
DISCONNECT BATTERIES IF 240V IS NOT CONNECTED.

IF MAINS HAS FAILED, AFTER 15 MINS. OF SYSTEM STANDBY, SYSTEM WILL ENTER POWERSAVE MODE:

IN THIS MODE:
SYSTEM DISPLAY WILL SWITCH OFF,
INDICATOR LIGHTS WILL SWITCH OFF, EXCEPT FOR POWER AVAILABLE AND CHARGER SUPPLY FAIL
WHICH WILL FLASH OUT OF SEQUENCE TO INDICATE POWERSAVE MODE IS ACTIVATED,
VOLT-FREES WILL CONTINUE TO OPERATE AS USUAL.
PRESS ANY FASCIA BUTTON TO DISABLE POWERSAVE MODE, AND SYSTEM WILL RESUME AS PREVIOUSLY.

NOTE: WHILST PANEL IS IN POWERSAVE MODE, THE DIESEL ENGINE WILL STILL START/STOP
WHEN REMOTELY CALLED TO. ALL VOLT-FREES WILL CONTINUE TO OPERATE.

REMOTE STOP:

IS NOT LEGAL FOR COMPLIANCE WITH AS2941-13 IN SOME AUSTRALIAN STATES
CHECK WITH LOCAL AUTHORITIES BEFORE CONNECTING.

ITEM	QTY	DESCRIPTION	W&C REF. No.	Wt. Kg.
1	–	SOFTWARE VER 18.00	–	–

STANDARD DIESEL FIRE PUMP CONTROLLER

REV.	DESCRIPTION	DRN	DATE	CHK.	DATE.
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
A	ISSUE FOR APPROVAL	SB	20.03.14	S.B	20.03.14

TO BE MODIFIED ON CAD ONLY
SCALE :–
PLOT SCALE :–

TOLERANCES
FABRICATED DIMENSIONS ± 2 mm
MACHINING DIMENSIONS ± 0.125 mm
UNLESS OTHERWISE SPECIFIED

DRN.	D.R	25.01.11
CHK.	S.B	25.01.11
ENG.	S.B	25.01.11
APP.	D.R	25.01.11

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TITLE : PCB CONNECTION DRW 2 OF 3 AS2941-13

DRG No: 140320B A3 REV A