

5

4

3

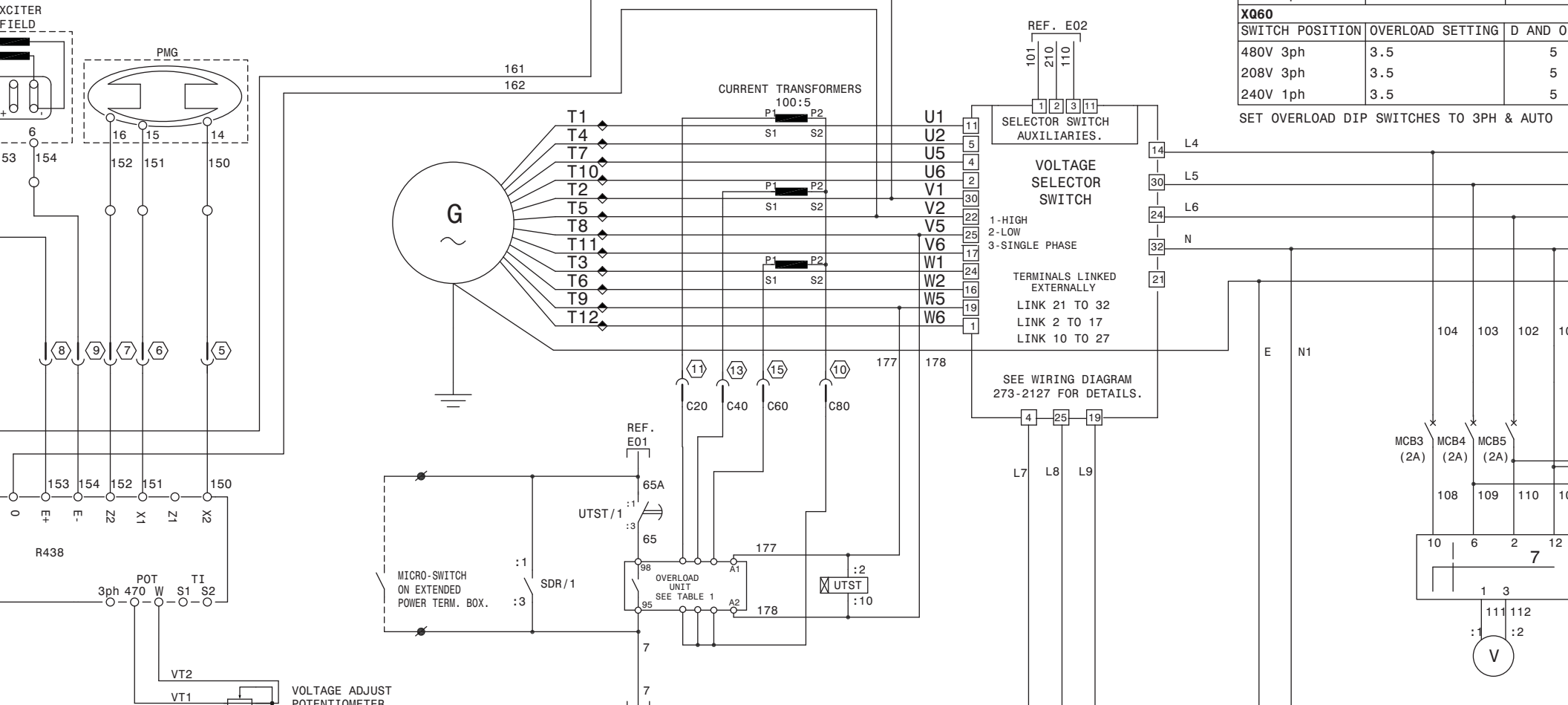


TABLE 1

XQ45		
SWITCH POSITION	OVERLOAD SETTING	D AND O
480V 3ph	3.5	5
208V 3ph	4.0	5
240V 1ph	4.0	5
XQ60		
SWITCH POSITION	OVERLOAD SETTING	D AND O
480V 3ph	3.5	5
208V 3ph	3.5	5
240V 1ph	3.5	5

SET OVERLOAD DIP SWITCHES TO 3PH & AUTO

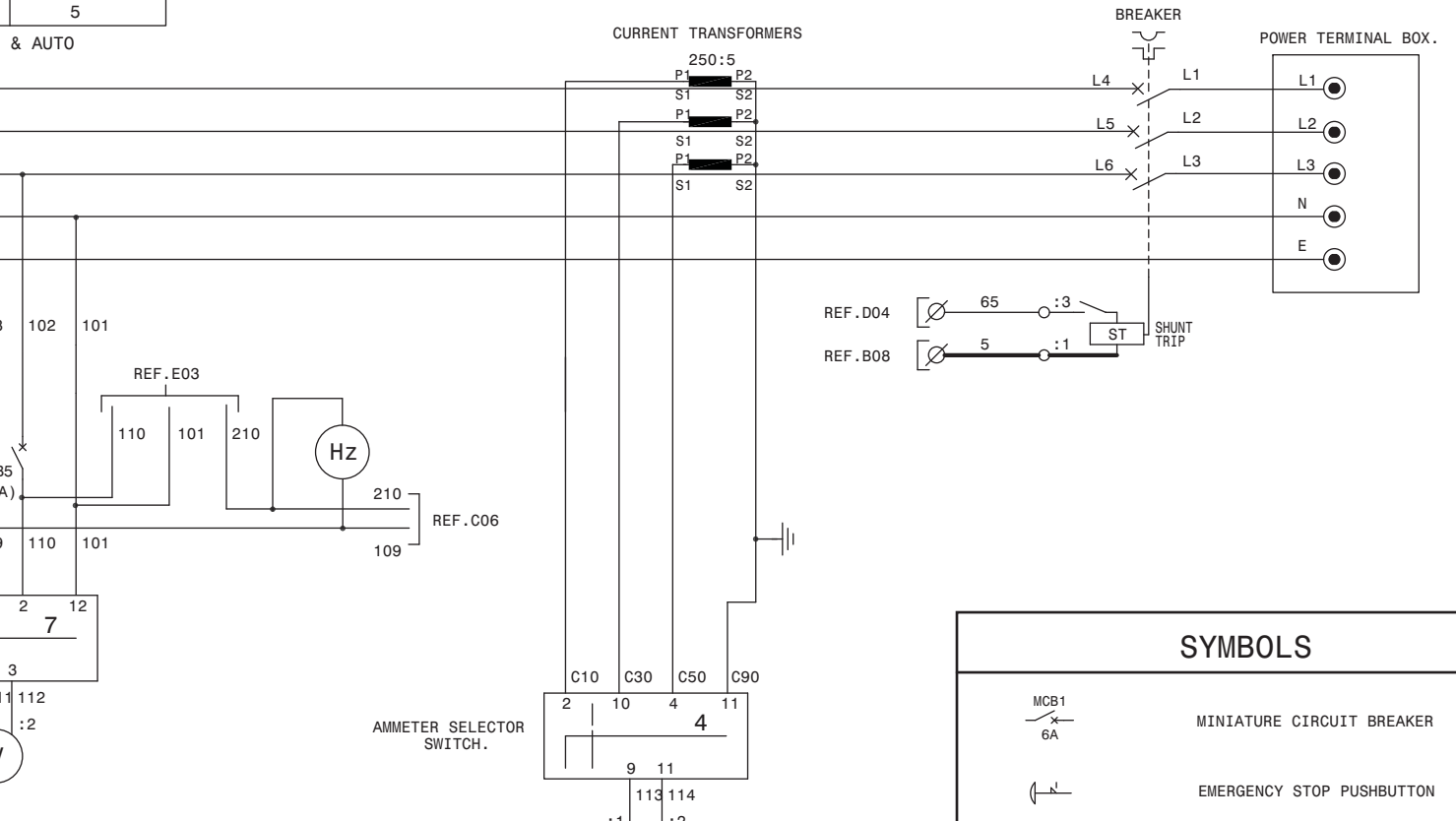
D AND O-TIME
5
5
5
D AND O-TIME
5
5
5

TDMD-X SETTINGS
 FUNC.:A
 TIME: S-10
 BLUE DIAL: .2

& AUTO

2

1



E

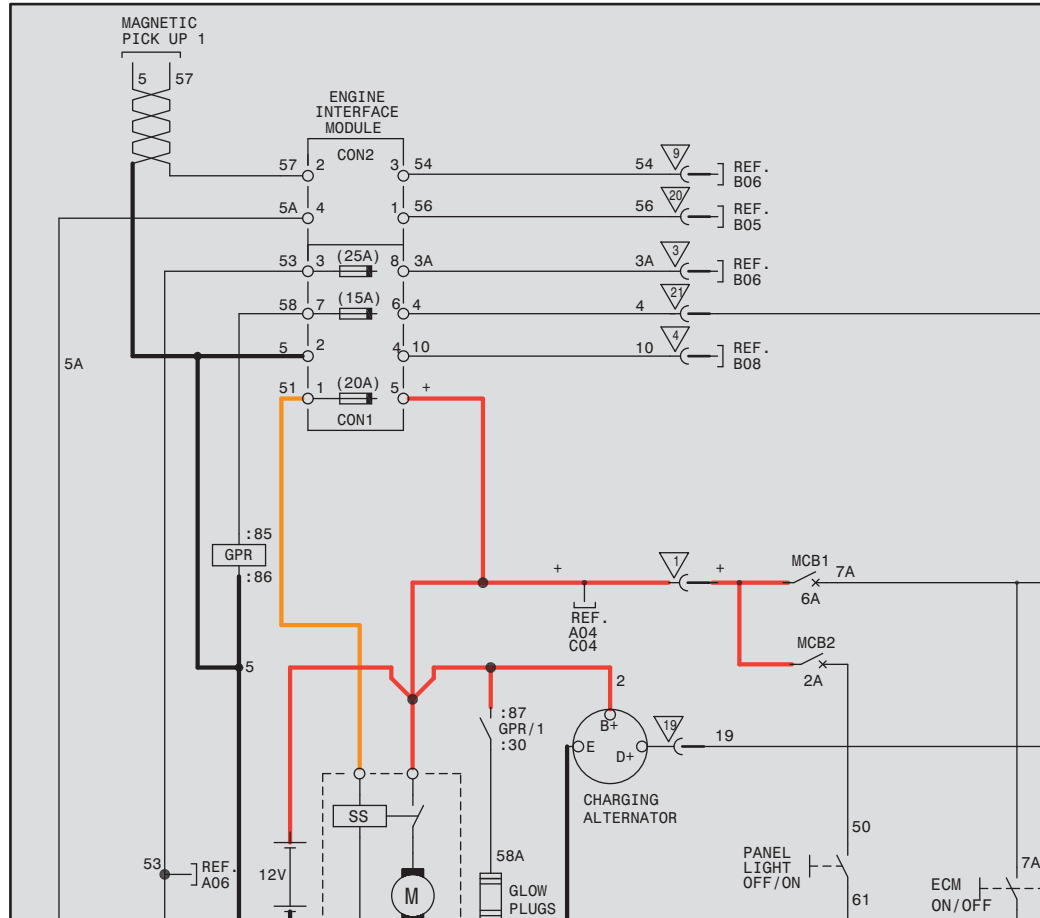
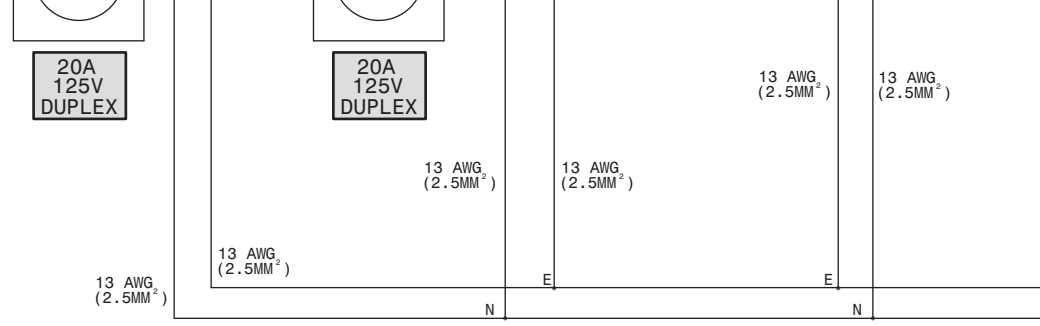
SYMBOLS	
	MINIATURE CIRCUIT BREAKER
	EMERGENCY STOP PUSHBUTTON

D

24 inches

D

C



20A
120/208V
FLANGED RECEPTACLE

13 AWG
(2.5MM²)

13 AWG
(2.5MM²)

50A
125/250V
CALIFORNIA
TWISTLOCK

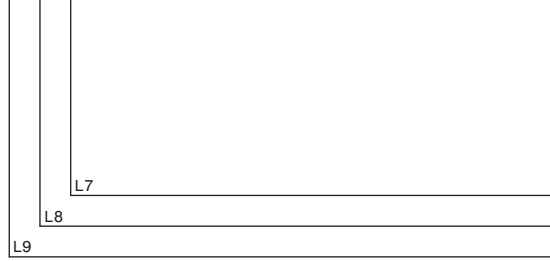
8 AWG
(10MM²)

8 AWG
(10MM²)

50A
125/250V
CALIFORNIA
TWISTLOCK

8 AWG
(10MM²)

8 AWG
(10MM²)



E
N

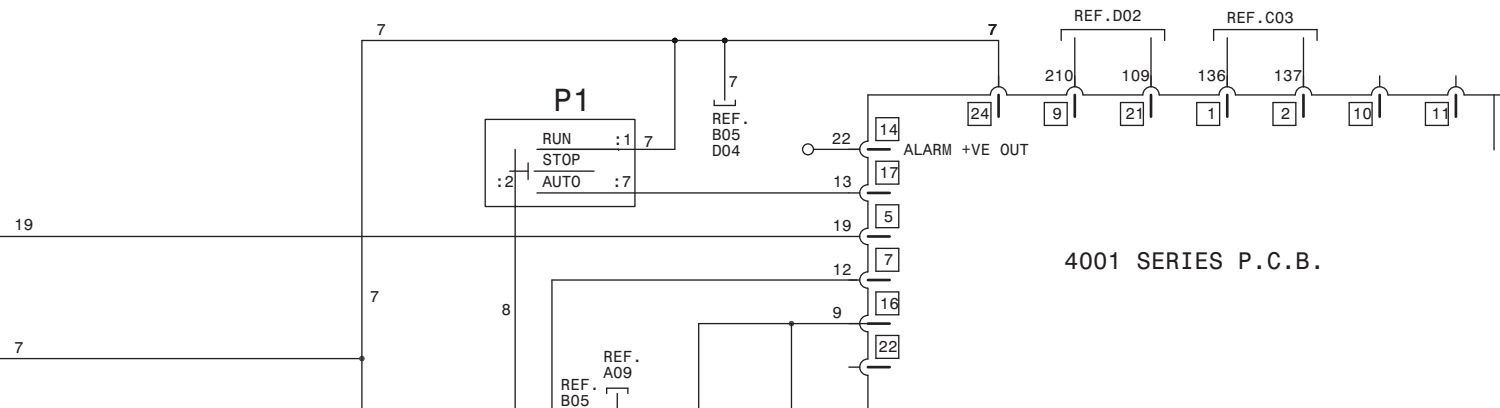
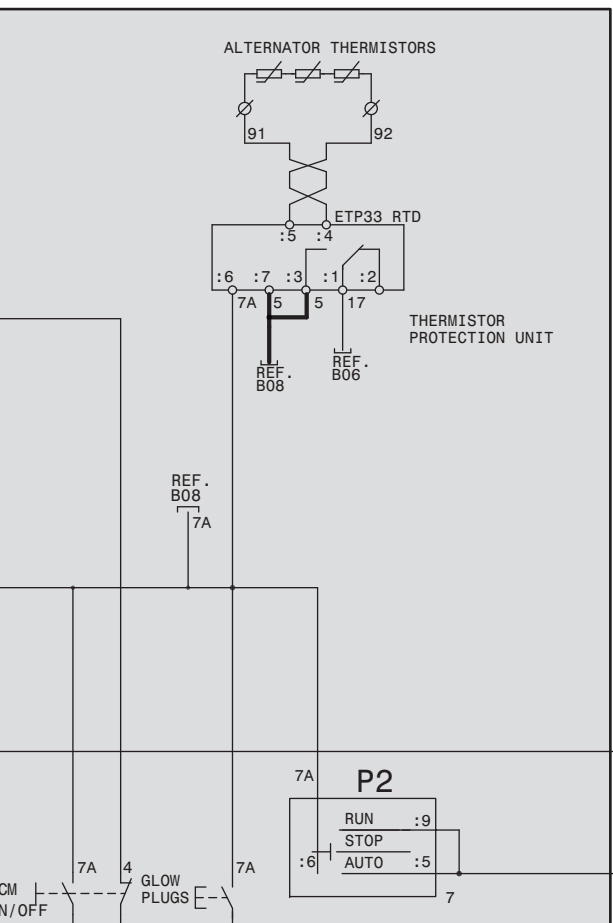
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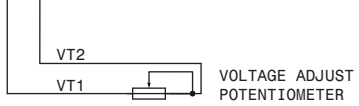
E
N

N

E
N

EARTH
NEUTRAL





7
7
REF.
B06

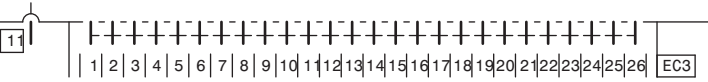
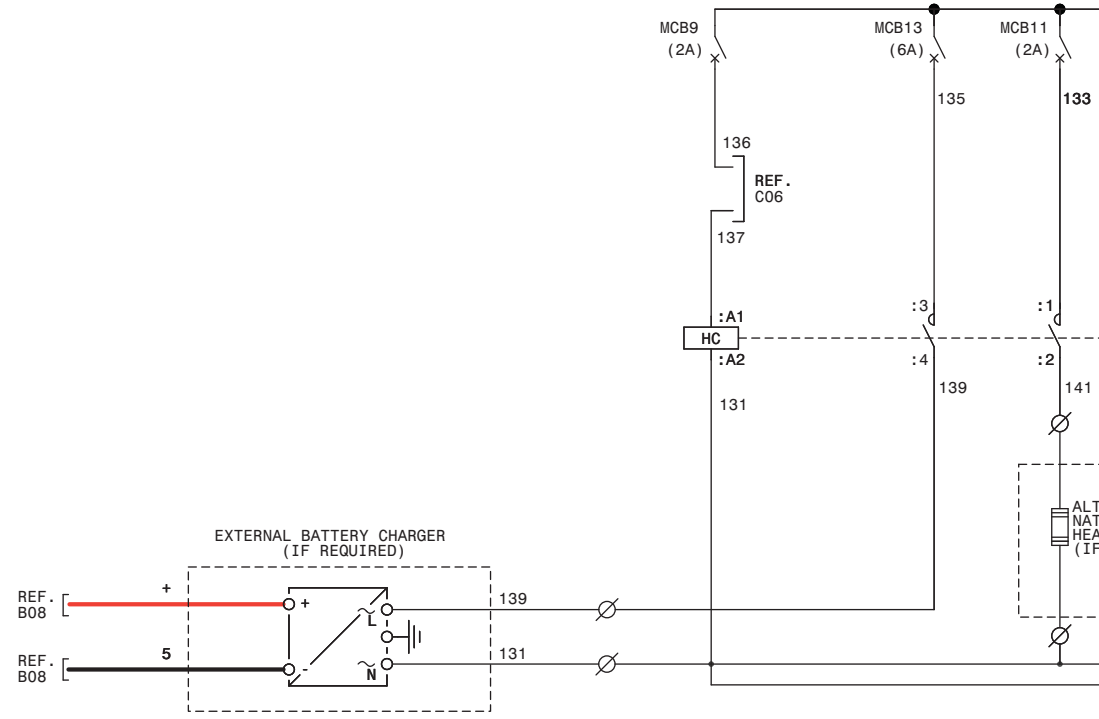
L7

L8

L9

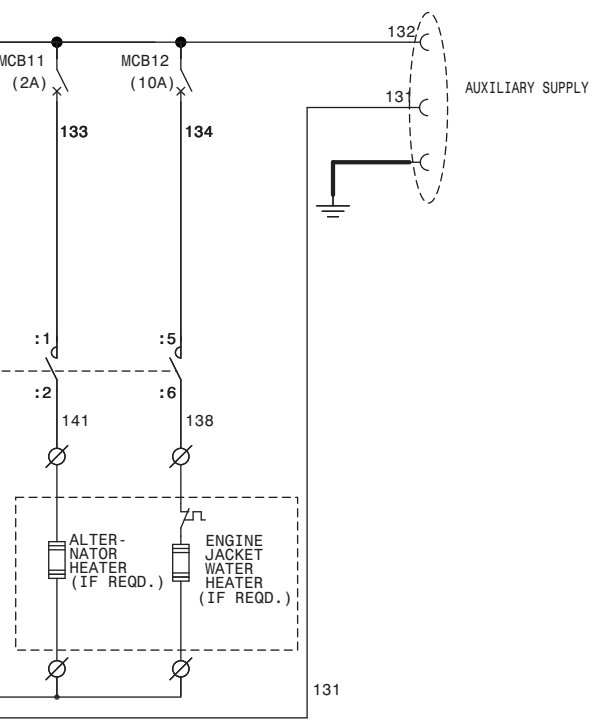
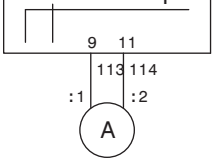
E

N1





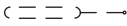



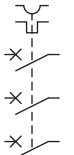





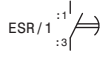







- LAMP TEST/ RESET/ FUEL GAUGE
 - FAIL TO START
 - HIGH ENGINE TEMP./LOW COOL. LEVEL
 - LOW OIL PRESSURE
 - OVERSPEED / EMER. STOP OPERATED
 - LOW BATTERY VOLTAGE
 - LOW FUEL LEVEL / FUEL LEAK
- | |
|--------|
| S/DOWN |
| S/DOWN |
| S/DOWN |
| S/DOWN |
| S/DOWN |
| ALARM |
| ALARM |

AMMETER SELECTOR SWITCH.



ABBREVIATIONS

A.V.R.	AUTOMATIC VOLTAGE REGULATOR
--------	-----------------------------

-  EMERGENCY STOP PUSHBUTTON
-  RELAY COIL
-  SCREEN CABLE
-  DIODE
-  RELAY CONTACT N/O
-  EARTH
-  CIRCUIT BREAKER
-  CURRENT TRANSFORMER
-  PANEL GAUGE
-  HOURS RUN METER
-  POTENTIOMETER
-  ENGINE SENDER
-  DELAY ON ENERGISE RELAY CONTACT
-  DELAY ON ENERGISE RELAY COIL
-  INTERNAL PANEL TERMINAL
-  OUTGOING/INCOMING PANEL TERMINAL
-  ENGINE SOCKET
-  POWER TERMINAL
-  INTERNAL AC TERMINAL BLOCK
-  24-WAY A.C. CONNECTOR FROM ALTERNATOR

D

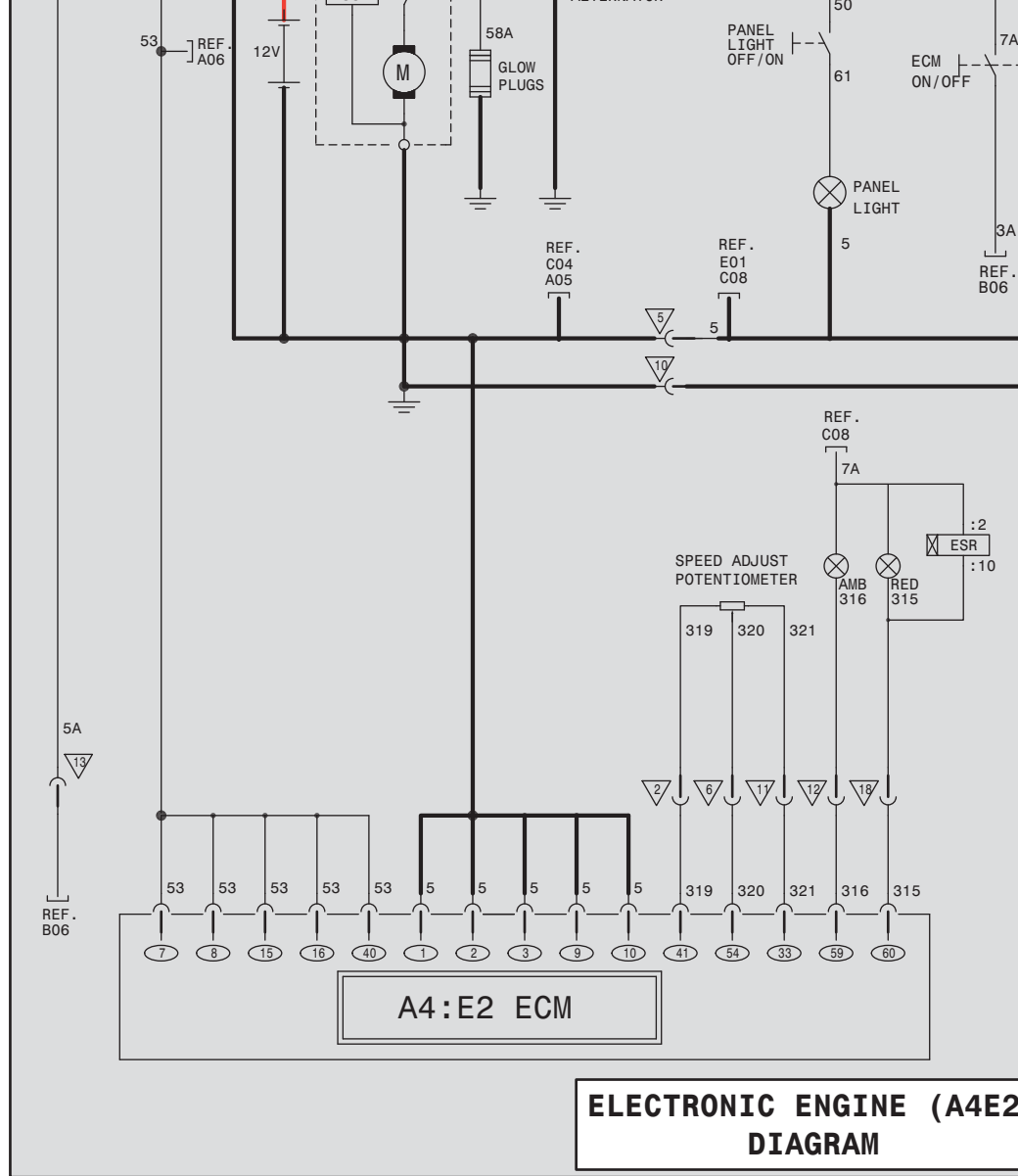
C

KENR9562

20 Page, (Dimensions: 39 inches x 24 in

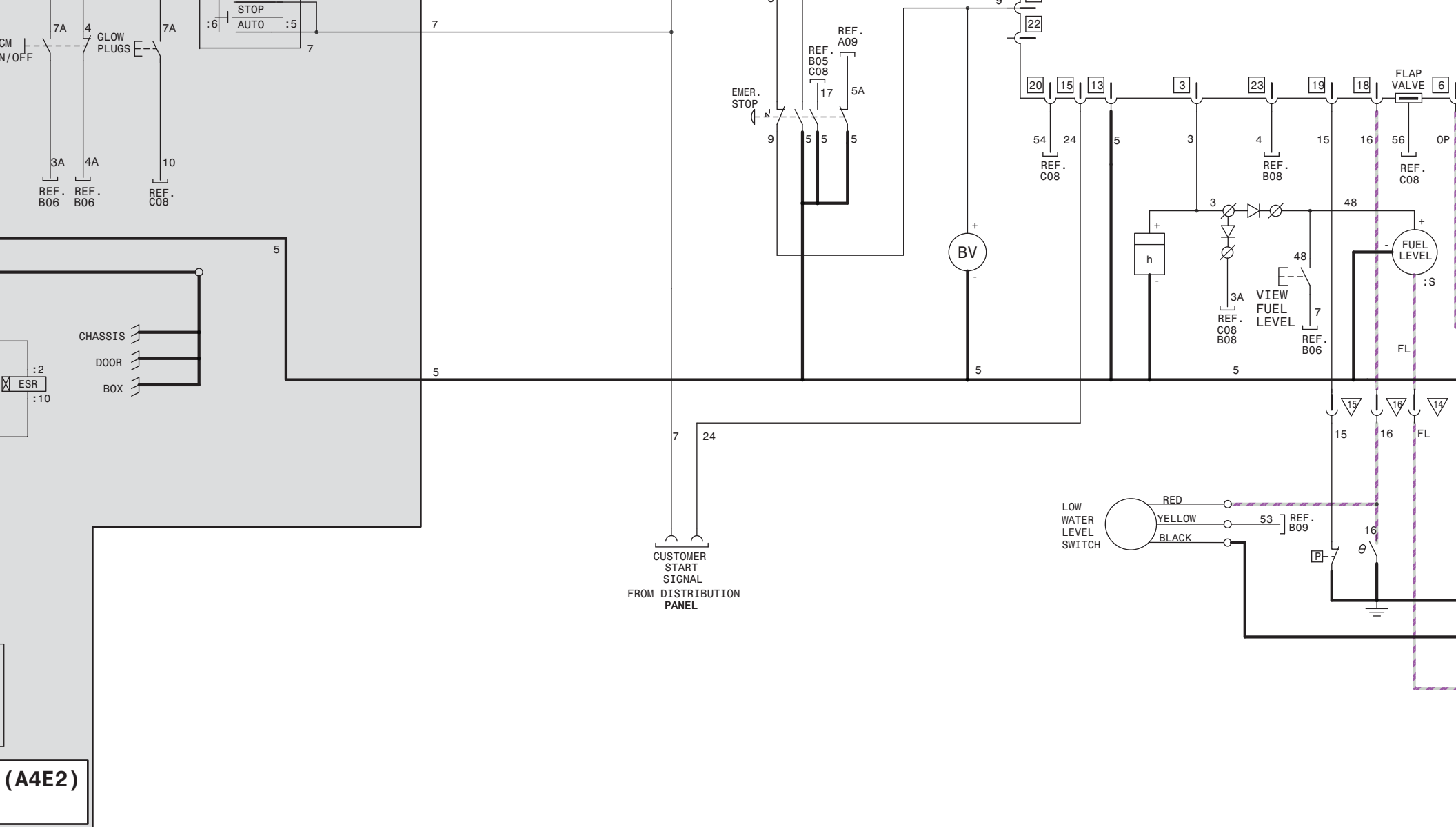
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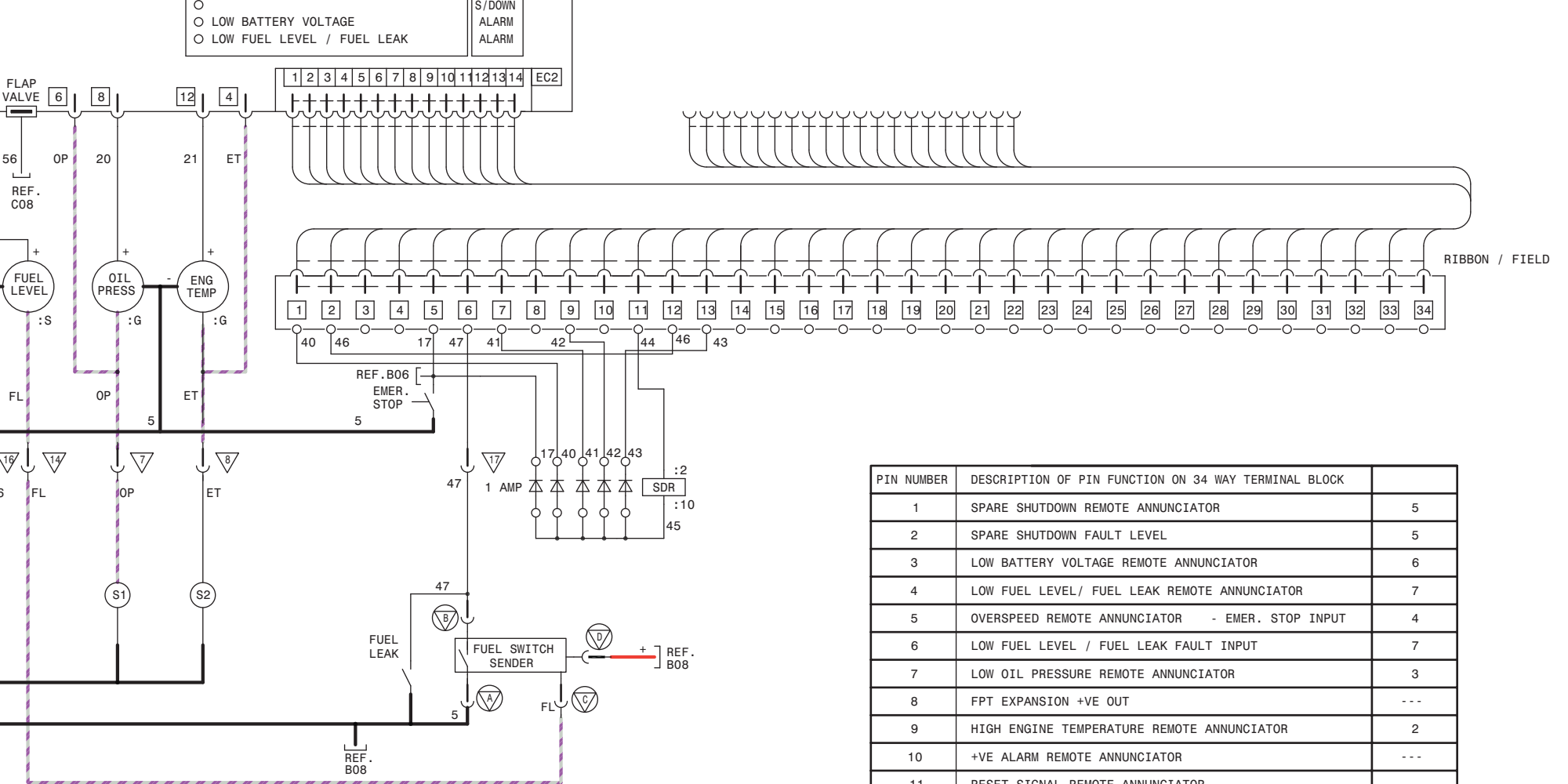
A



9

8





PIN NUMBER	DESCRIPTION OF PIN FUNCTION ON 34 WAY TERMINAL BLOCK	
1	SPARE SHUTDOWN REMOTE ANNUNCIATOR	5
2	SPARE SHUTDOWN FAULT LEVEL	5
3	LOW BATTERY VOLTAGE REMOTE ANNUNCIATOR	6
4	LOW FUEL LEVEL / FUEL LEAK REMOTE ANNUNCIATOR	7
5	OVERSPEED REMOTE ANNUNCIATOR - EMER. STOP INPUT	4
6	LOW FUEL LEVEL / FUEL LEAK FAULT INPUT	7
7	LOW OIL PRESSURE REMOTE ANNUNCIATOR	3
8	FPT EXPANSION +VE OUT	---
9	HIGH ENGINE TEMPERATURE REMOTE ANNUNCIATOR	2
10	+VE ALARM REMOTE ANNUNCIATOR	---
11	RESET SIGNAL REMOTE ANNUNCIATOR	---
12	FPT VOLT FREE CONTACT (WITH PIN 14)	---
13	FAIL TO START REMOTE ANNUNCIATOR	1
14	FPT VOLT FREE CONTACT (WITH PIN 12)	---








5

4





3

ABBREVIATIONS

A.V.R.	AUTOMATIC VOLTAGE REGULATOR
AC	ALTERNATING CURRENT
DC	DIRECT CURRENT
SRN	SCREEN FROM SCREEN CABLE
RLY	RELAY
I/P	INPUT
ESR	ENGINE SHUTDOWN
ECM	ENGINE CONTROL MODULE
GPR	GLOW PLUG RELAY
PMG	PERMANENT MAGNET GENERATOR
ST	SHUNT TRIP
SDR	SHUT DOWN RELAY

	24-WAY A.C. CONNECTOR FROM ALTERNATOR
	24 WAY PLUG/SOCKET ON P.C.B.
	64 WAY CONNECTOR FROM ECM
	SPADE TERMINAL ON P.C.B.
	BATTERY CHARGER TERMINAL
	ECM SHUTDOWN LAMP
	ECM WARNING LAMP

B

	(+) BATTERY
	STARTING CIRCUIT
	(-) BATTERY / SENSOR RETURN
	SIGNAL TO ECM

HARNESS TABLE		
DESCRIPTION	PART NUMBER	CHG LVL
XQ45:		
DC WIRING HARNESS	320-2864	04
AC WIRING HARNESS	336-2847	00
AC POWER HARNESS	273-0601	04
AC POWER HARNESS	273-0602	05
AC DISTRIBUTION HARNESS	273-5806	02
XQ60:		
DC WIRING HARNESS	320-2864	04
AC WIRING HARNESS	336-2847	00
AC POWER HARNESS	273-0599	04
AC POWER HARNESS	273-0600	04
AC DISTRIBUTION HARNESS	273-5806	02

A

THIS SCHEMATIC IS FOR THE C4.4 XQ45 and XQ60 Rental Generator Sets
 DC WIRING GP PART NUMBER: 328-0658, CHANGE: 03, VERSION: DK
 DISTRIBUTION WIRING GP PART NUMBER: 272-2126, CHANGE: 02, VERSION: DK
 Components are shown installed on a fully operable generator set with the key and engine off.
 Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.

2

1