

CONTROLLED DOCUMENT
THIS DRAWING IS
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AND MUST NOT BE
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THEIR CONSENT

OPTIONS FITTED

ETD	DESCRIPTION
•	ENERGISE TO STOP SOLENOID (IF FITTED)
	ENERGISE TO RUN SOLENOID (IF FITTED)
	OVERSPEED SWITCH
	LOW OIL PRESSURE SWITCH
	AMMETER
	ALTERNATOR
	BATTERY
	STARTER MOTOR

FD4e V4.1 SAMPLE DRAWINGS

SAMPLE		DRN	CHK	TITLE
		D.Co		SCHEMATIC DIAGRAM FOR CONTROLLER TYPE FD4e (V4.1)
				DRG. No. 00000-00
				sh 3 of 3
				AE2221/N



ISSUE No.	ISSUE	AUTOCAD
1	09-MAY-09	
2	11.11.2010	

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SERIAL No. 000000-00

ISSUE 1	ISSUE 2	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	ISSUE	
SEE SHEET 1 FOR ISSUE AND REVISION DETAILS																				
09-MAY-09																				

1	2	3	4	5	6	7	8	9	10	11	
<p>CONTROLLED DOCUMENT THIS DRAWING IS FM APPROVED AND MUST NOT BE MODIFIED WITHOUT THEIR CONSENT</p>		<p>CONNECTIONS 'A' AND 'B' ARE 1/2" (M) NPT.</p>									
<p>Labels: PANEL RATING LABEL, IDENT, EMERGENCY START/STOP LABEL, 4 MOUNTING HOLES Ø4, 2 OUTER DOOR HINGES, 2 OUTER DOOR HANDLES, M10 EARTH BOLT, PRESSURE TRANSDUCER, DRAIN VALVE, FIRE PUMP CONTROLLER, FIRE (VVO), RECOMMENDED BASE FIXING HOLES (BY CUSTOMER) IF SKID MOUNTED, GLAND PLATE 480 X 170 (USABLE).</p> <p>Dimensions: 660, 650, 700, 575, 95, 425, 750, 1080, 150, 325, 390, AV, 17.</p>											
<p>METRON 010202</p> <ul style="list-style-type: none"> <input type="checkbox"/> SYSTEM FAULT <input type="checkbox"/> BATTERY #1 HEALTHY <input type="checkbox"/> BATTERY #2 HEALTHY <input type="checkbox"/> CHARGER #1 FAILURE <input type="checkbox"/> CHARGER #2 FAILURE <input type="checkbox"/> AC POWER LOSS <input type="checkbox"/> ENGINE RUNNING <input type="checkbox"/> FAILED TO START <input type="checkbox"/> LOW OIL PRESSURE <input type="checkbox"/> HIGH WATER TEMP <input type="checkbox"/> ENGINE OVERSPEED <input type="checkbox"/> LOW FUEL LEVEL <input type="checkbox"/> PUMP ON DEMAND <input type="checkbox"/> CONTACTOR FAULT <input type="checkbox"/> LED OUTPUT 15 <input type="checkbox"/> LED OUTPUT 16 <input type="checkbox"/> LED OUTPUT 17 <input type="checkbox"/> LED OUTPUT 18 <input type="checkbox"/> LED OUTPUT 19 <input type="checkbox"/> LED OUTPUT 20 <input type="checkbox"/> LED OUTPUT 21 <input type="checkbox"/> LED OUTPUT 22 <input type="checkbox"/> LED OUTPUT 23 <input type="checkbox"/> LED OUTPUT 24 											
<p>FD4e V4.1 SAMPLE DRAWINGS</p> <p>SHOWING OPTIONS E1D & U3 - NEMA 4</p> <p>SAMPLE</p>											
<p>TITLE GENERAL ARRANGEMENT CONTROLLER TYPE FD4e (V4.1) NEMA 4</p> <p>DRG. No. 000000-00 AM3139</p>											
<p>3RD ANGLE PROJECTION</p> <p>1 9-MAY-09 2 11.11.2010</p> <p>© THIS DRAWING IS THE COPYRIGHT OF METRON ELEDYNE DIVISION AND MUST NOT BE LENT, COPIED OR REPRODUCED WITHOUT PRIOR PERMISSION.</p>											
<p>ISSUE 1 INITIAL VERSION</p> <p>ISSUE 2 CUSTOMER ISSUE:</p> <p>11.11.2010</p>											
<p>ISSUE No.</p> <p>9-MAY-09</p> <p>11.11.2010</p>											
<p>DRN D.Cg</p> <p>CHK</p> <p>METRON-Eledyne LIMITED SPRATFORD, ENGLAND TELEPHONE: 01273 834000 WWW.METRONELEDYNE.CO.UK</p>											

METRON 01D202

- | | | | |
|--------------------------|-------------------------|--------------------------|-----------------|
| <input type="checkbox"/> | SYSTEM FAULT | <input type="checkbox"/> | PUMP ON DEMAND |
| <input type="checkbox"/> | BATTERY #1 HEALTHY | <input type="checkbox"/> | CONTACTOR FAULT |
| <input type="checkbox"/> | BATTERY #2 HEALTHY | <input type="checkbox"/> | LED OUTPUT 15 |
| <input type="checkbox"/> | CHARGER #1 FAILURE | <input type="checkbox"/> | LED OUTPUT 16 |
| <input type="checkbox"/> | CHARGER #2 FAILURE | <input type="checkbox"/> | LED OUTPUT 17 |
| <input type="checkbox"/> | AC POWER LOSS | <input type="checkbox"/> | LED OUTPUT 18 |
| <input type="checkbox"/> | ENGINE RUNNING | <input type="checkbox"/> | LED OUTPUT 19 |
| <input type="checkbox"/> | ENGINE FAILED TO START | <input type="checkbox"/> | LED OUTPUT 20 |
| <input type="checkbox"/> | ENGINE LOW OIL PRESSURE | <input type="checkbox"/> | LED OUTPUT 21 |
| <input type="checkbox"/> | ENGINE HIGH WATER TEMP | <input type="checkbox"/> | LED OUTPUT 22 |
| <input type="checkbox"/> | ENGINE OVERSPEED | <input type="checkbox"/> | LED OUTPUT 23 |
| <input type="checkbox"/> | LOW FUEL LEVEL | <input type="checkbox"/> | LED OUTPUT 24 |

LOSS OF DC POWER POWER

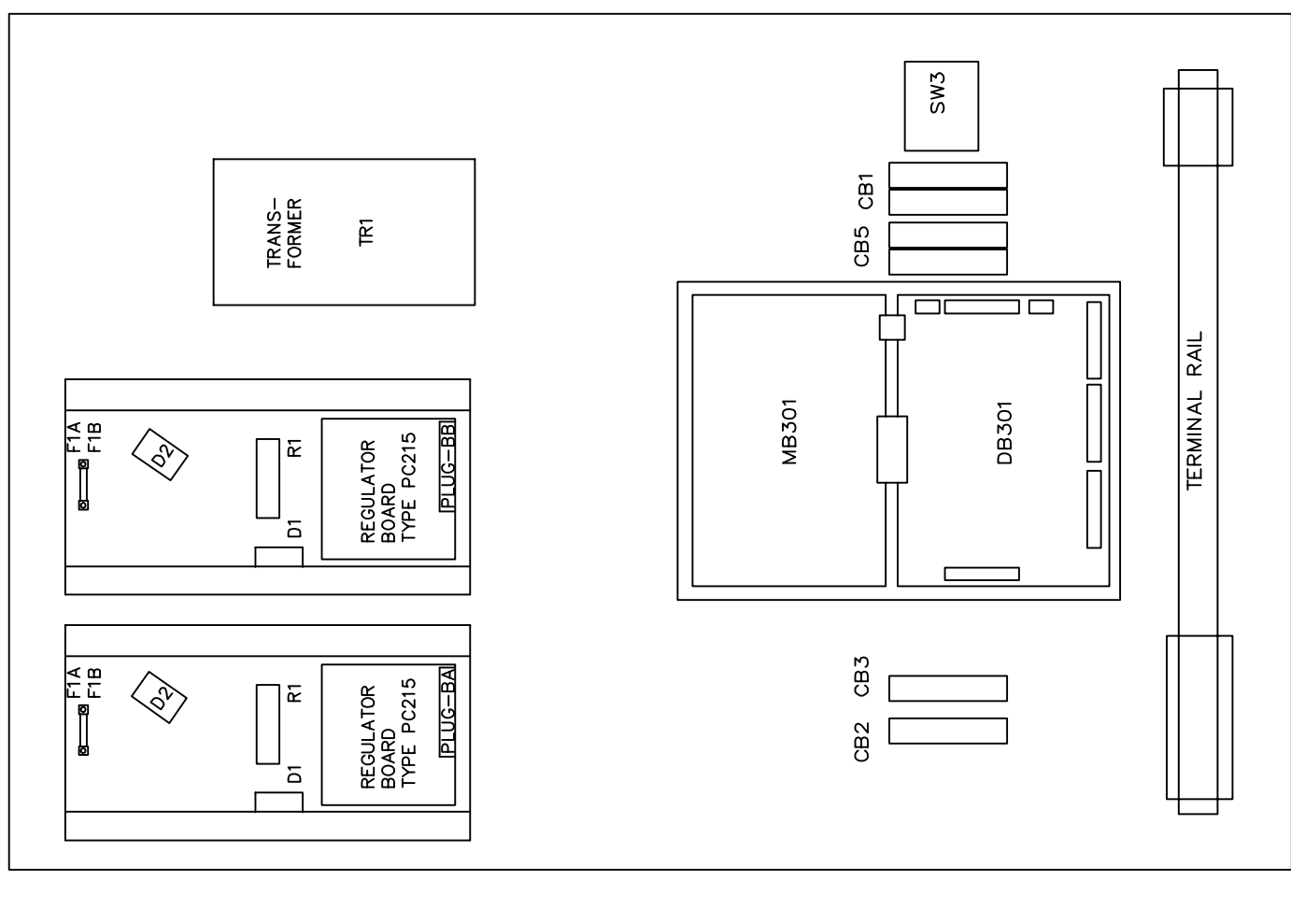
1. SYSTEM STATUS

PRES SIRT BAT1 BAT2

322 300 12V 12V

psi psi 9A 9A

<input type="checkbox"/> SYSTEM STATUS	<input type="checkbox"/> SYSTEM LOGS	<input type="checkbox"/> CONFIG	<input type="checkbox"/> PRINT	<input type="checkbox"/> CHANGE/ENTER	<input type="checkbox"/> UP
<input type="checkbox"/> AUTO	<input type="checkbox"/> MANUAL	<input type="checkbox"/> TEST	<input type="checkbox"/> RESET/ESC	<input type="checkbox"/> SILENCE/TEST	<input type="checkbox"/> DOWN



FD4e V4.1 SAMPLE DRAWINGS

SAMPLE

DRN	CHK	TITLE
D.Ca		FD4e INTERNAL LAYOUT & ANNUNCIATOR
SERIAL No: 00000-00		DRG. No.
Metron - Eledyne		AE2221/1

ISSUED	1	11.11.2010
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