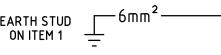


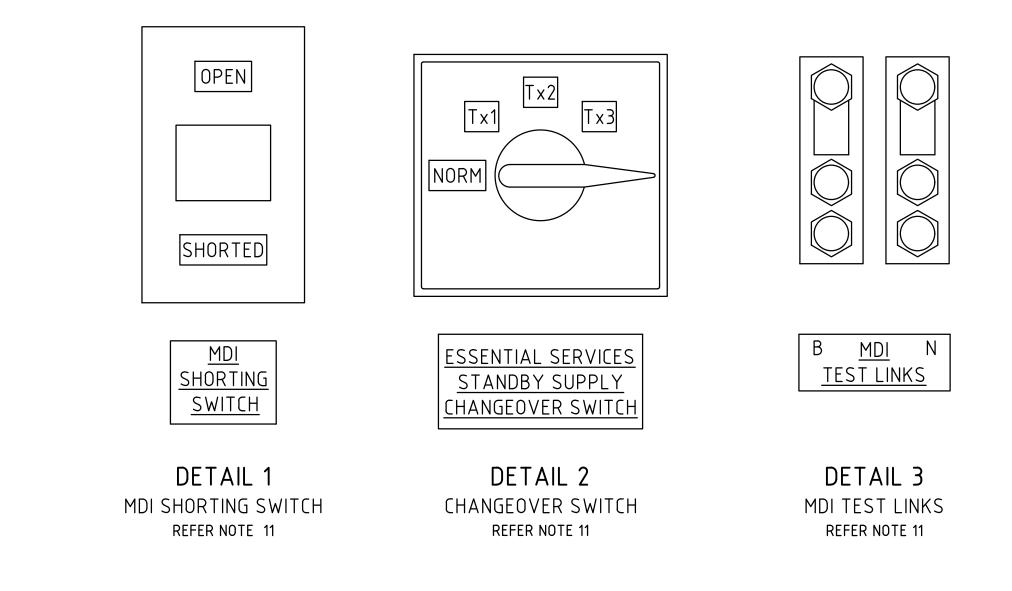
10

Q

GPO	CABLE SIZE	NEUTRAL LINK (3) EARTH LINK (4)	TERMINAL (2A)
		<u>(SEE NOTE 7)</u>	
		3	
	6mm²	(4)	
		-	
N þ-	2.5mm²	3	
E D-	2.5mm²	(4)	
	 2.5mm²		<u>2A:7</u>
	2.5mm²		<u>2A:8</u>
	2.5mm²		<u>2A:9</u>
	2.5mm²		<u>2A:10</u>
	 2.5mm²		<u>2A:11</u>
	2.5mm²		



14

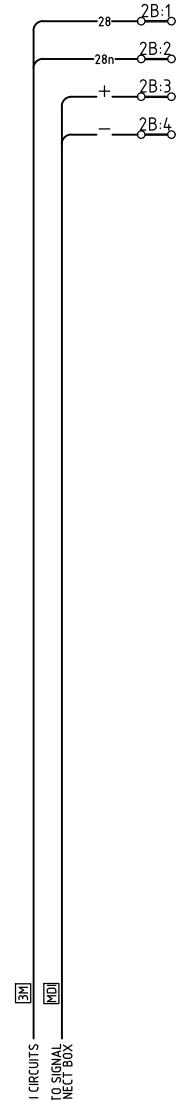


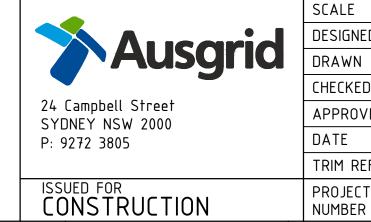
NOTES:

- 1. THIS SERVICE BOARD DOES NOT HAVE FAN CONTROL EQUIPMENT INCLUDED AND IS DESIGNED FOR UPPER LEVEL CBD SUBSTATIONS WITH DRY TYPE TRANSFORMERS.
- 2. ALL MATERIALS SHOWN CAN BE SUBSTITUTED AS LONG AS THE SUBSTITUTE COMPONENT PROVIDES SIMILAR OR BETTER PERFORMANCE THAN THE ONE SHOWN. DETAILS PROVING THE PERFORMANCE OF OTHER PRODUCTS MUST BE SUBMITTED FOR ACCEPTANCE, IN ACCORDANCE WITH THE REQUIREMENTS OF NETWORK STANDARD NS181, BEFORE USE.
- 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT NETWORK STANDARDS.
- 4. DRILLING DETAILS FOR THE TRANSDUCER, INTERPOSING CT AND MOULDED LINKS ONLY ARE SHOWN. FOR ALL OTHER COMPONENTS REFER TO THE MANUFACTURE FOR DETAILS.
- 5. DRILLING DETAILS, DIAMETER OF HOLES. C – 10mm
- D Smm
- 6. COMPRESSION TYPE CABLE LUGS ARE TO BE USED FOR CABLE TERMINATIONS ONTO ITEMS 2A, 2B, 10, 13 AND 14.
- 7. THE EARTH AND NEUTRAL LINK CONNECTIONS DESIGNATED BY (3) & (4) ARE TO BE INDIVIDUALLY CONNECTED TO THEIR LINK.
- 8. THE CABLE FROM THE SERVICE BOARD TO THE CONTROL POINT MAY NEED TO BE LARGER THAN 2.5mm² TO OVERCOME A POSSIBLE VOLTAGE DROP.
- 9. CIRCUITS 9(4) SPARE LIGHTS & 9(6) CONTROL POINT ARE NOT REQUIRED ON ALL INSTALLATIONS.
- 10. CABLE TO BE OF ADEQUATE SIZE TO PREVENT VOLTAGE DROP, REFER TO AS 3000 FOR CABLE SIZE. 11. DETAILS 1,2 & 3 SHOW WORDING AND POSITION OF SELF ADHESIVE LABELS. LABELS ARE TO BE BLACK
- LETTERING ON WHITE BACKGROUND.
- 12. NUMBERS SHOWN 🔀 ARE CABLE NUMBERS REFER TO DRAWINGS 178233 & 178234.
- 13. BRIDGED TERMINAL USING EXPOSED TYPE BAR LINKS ARE TO HAVE END COVER PLATE TYPE INSTALLED BETWEEN A & B PHASES TO ENSURE ELECTRICAL ISOLATION. THE TERMINALS ARE TO BE APPROPRIATELY INSULATED.

		MATERIAL LIST (SEE NOTE 2)											
ITEM No D				DESCRI	PTION	REMARKS							
1 WALL MOUNTED BOX						EMPC0 W6425							
		2A	TERMINAL STRIP 1 (2A: 1–14)			KLIPPON ST5 85A							
2B TERMINAL STRIP 2 (2E				3: 1-4)		UTILUX H3820 30A							
		3	NEUTR	AL LINK			CLIPSAL TYPE L5						
		4	EARTH LINK 10A & 15A DOUBLE GPO MOUNTING BLOCK				CLIPSAL TYPE L7 HPM TYPE 777/1015 HPM TYPE 140						
		5											
		6											
		7	CHANGEOVER	SWITCH		KRAUS & NAIM	1ER TYPE C	32 A	231 603 E	:			
		7A ADJUSTABLE SHAFT					KRAUS & NAIME	R TYPE S1 M	004E	/000B070			
		7B TERMINAL COVERS					KRAUS & NAIMER TYPE S1 M160/B03						
		8 50A 3Ø, 5 PIN SOCKET					CLIPSAL CAT No. 56S0550						
		9	12 MOD	ULE SWITCHBO	ARD		HPM TYPE HM12						
		9 (1) 50A 3Ø 8KA MINIATURE C					CLIPSAL TYPE	4CB350					
		9 (2) 20A 1Ø 8KA MINIATURE			E C/B (1Ø POWER)		CLIPSAL TYPE	4CB120					
		9 (3) 16A 1Ø 8kA MINIATURE			E C/B (LIGHTS)		CLIPSAL TYPE 4CB116						
9 (4) 16A 1Ø 8KA MINIATURE (E C/B (SPARE) CLIPSAL TYPE 4CB			4CB116						
	9 (5) 10A 1Ø 8KA MINIATURE C/B				E C/B (SCADA)		CLIPSAL TYPE	4CB110					
		9 (6) 20A 1Ø 8kA MINIATURE C/B (CONTROL 9 (7) 20A 1Ø 8kA MINIATURE C/B (BATTERY C			C/B (CONTROL POIN	IT)	CLIPSAL TYPE	4CB120					
					/B (BATTERY CHARG	iER)	CLIPSAL TYPE	4CB120					
		9 (8) 20A 1Ø 8kA MINIATURE C/E			/B (DRY TYPE Tx1 F	AN)	CLIPSAL TYPE	4CB120					
		9 (9) 20A 1Ø 8KA MINIATURE C			C/B (DRY TYPE Tx2 FAN)) CLIPSAL TYPE 4CB120						
	9 (10) 20A 1Ø 8KA MINIATURE CA			/B (DRY TYPE Tx3 F	AN)	CLIPSAL TYPE	4CB120						
10 M5 MOULDED LINK					AUSGRID STOCK CODE H28494								
11 10A SINGLE POLE S			IGLE POLE SWI	ITCH HPM TYPE			770/1						
		12	MOUNT	ING BLOCK			HPM TYPE 141						
		13	TRANS	ANSDUCER			DEWAR ELECTRONICS MODEL 666/2						
		14	INTERP	OSING CT			CROMPTON TY		94 15	/5A			
	SCALE		AS SH	OWN	СІТ								
	DESIGNED		– MWR A JE		CITY DISTRIBUTION SUBSTATIONS					2			
	DRAWN				SERVICE BOARD WITHOUT SUBSTATION FAN CONTROL								
-	APPROVED DATE		BJI 24/10/		GENERAI	_ /	ARRANGE	MENI 8	\$ V	VIRIN	ناD ت	AGR	
	TRIM REF												
	PROJECT NUMBER		5004	639	DRAWING No	12	21951	SHEET	1	AMD	7	SIZE	
	13				14		15	·		C&P -	DISTRIB	UTION SL	







12

11

