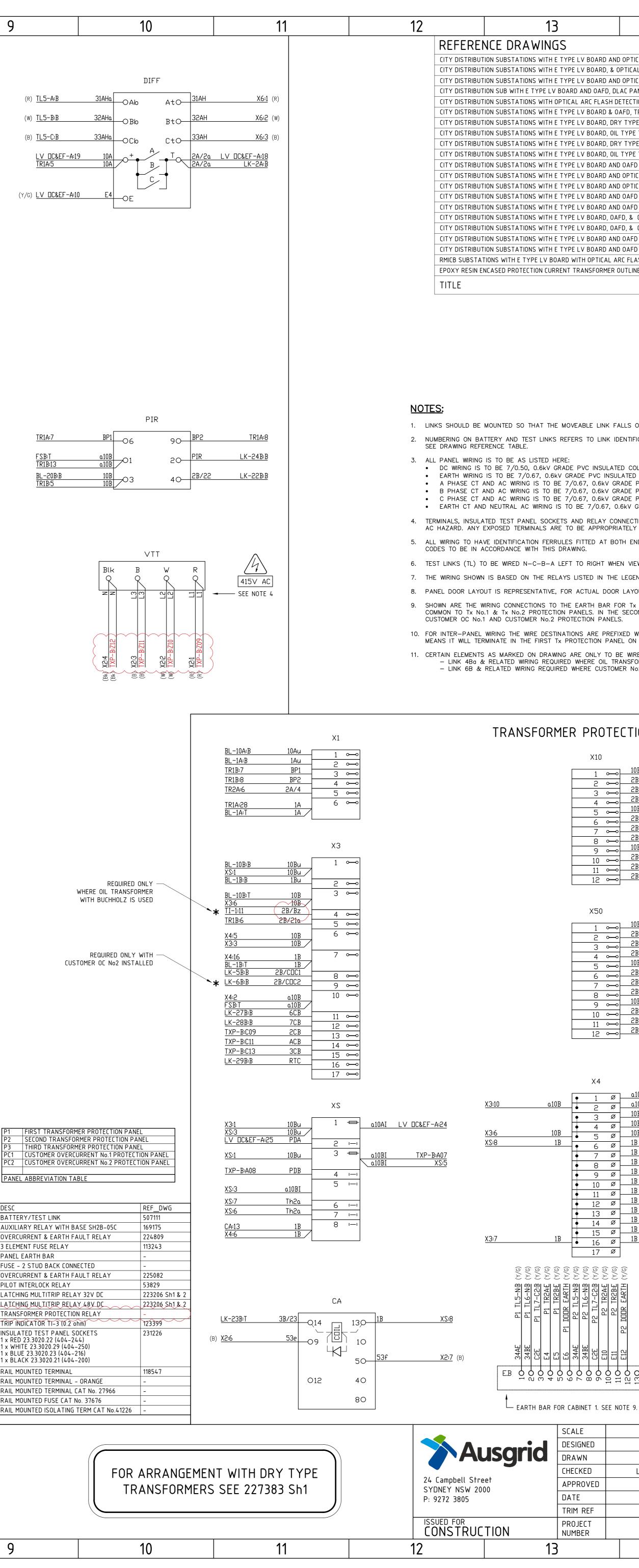


	5		6		7		8	
TRA	NSFORMER PR	OTECTION PAN	IEL DOO	r (rear vi	EW)			
		TR1A				LV D	C&EF-A	
	(Y/G) <u>LV DC&amp;EF-A:10</u> (Y/G) TR2A:E	E4 E4 E4			(r) <u>TL2-A</u> :T	<u>34a</u> _01	20	TL3-A:T (R)
		01 20			(W) <u>TL2-B</u> :T	<u> </u>	40-35b	<u>TL3-B:T</u> (W)
<u>TR1A:3</u>	TR2A:4		- <b> </b>	TR1A:13	(B) <u>TL2-C:T</u>	<u>36a</u> 05	60	<u>ТLЗ-С:Т</u> (В)
TR1A:6 X1:5	DIFF:+ TR2A:5 PIR:6	10A 10A BP1 07 80	רסת ור	TR2A:6 PIR:9	(Bk) <u>TL7-Nr:B</u>	<u> </u>	90- <u>C2a</u>	TL7-C2:T (Bk)
	TR1B:7	BP1 07 80 09 100	<u>BP2</u>	TR1B:8		017	160-10A	BL-10A:T
		011 120	-   -		DIFF:T	<u>2A/2a</u> _018		
<u>R1A:14</u> R1B:14	<u>TR2A:13</u> TR1A:4	<u>a10B</u> 013 140		LK-26B:B TR2A:14		020	190-10A	DIFF:+
		015 160	¬ [		LK-3A:B	<u>2A/3a</u> O21		
		017 180				022	230	
		019 200			<u>XS:1</u>	024	250 PDA	XS:2
		021 220	-			013	150	
R1B:25 (B)	(B) <b>X2:5</b>	<u> </u>	- - - - - - -	<b>ТR2А:25</b> (В)		014		
R1A:28	<u>LK-2A:T</u>	<u>2A/2</u> 025 260	1A	TR2A:28	FSA:T	<u>a10A</u> O11	120 <u>1B</u>	X4:16
			<u>J_1A</u>	X1:6	(Y/G) <u>DIFF:E</u> (Y/G) <u>TR1A:E</u>	E4 E4 O10		
	(Y/G) TXP-B:GND E5			TXP-B (R) <u>TL6-A:T 31BHa</u> <u>7020</u> 34BHa TXP-B:Z04				
	(Y/G) TR2BE	EJ OE E5 OE 01 20			(W) <u>TL6-B</u> :T	2201	2020	TXP-B:Z02 (Bk)
- <u>25B:B</u>	TR2A:3			TR2B:3	(B) <u>TL6-C</u> :T	2204	2040 <u>34BHa</u>	<u>TXP-B:Z06</u> (Bk) TXP-B:Z04 (Bk)
<u>FR1B:6</u> 22B:T	PIR:3 TR2B:5	10B 05 60	2B/21a 2B/21a	X3:5 TR2B:6	(Bk) <u>TL7-C1</u> :T	0203	2080 <u>34BHa</u>	<u>TL6-N:T</u> (Bk) TL7-Nr:T (Bk)
	TR1A:7 X1:3	BP1 07 80	כסם ר	TR1A:8 X1:4			Z080	( )
<u>-B:D09</u>		09 100						
R1B:14	PIR:1	011 12C		TR2A:14				
<u>KID-14</u>	TR2B:9			TR2B:14				
		015 160	-				Z090	VTT:R (R)
		019 200	-				Z100	VTT:W (W)
			_				Z110 L3	<u>VTT:B</u> (B)
		021 220				1		
		O21         220           O23         240	_					VTT:Blk (Bk)
	(B) <u>TR2A:26</u>	023 240 53c 025 260	53d	TR2B:25 (B)	X4:2	<u>0108</u> O A 0 3	Z120 N	
<u>X2:6</u> (B) <u>R1B:28</u>	(b) <u>TR2A:26</u> <u>LK-2B</u> :T	023 240 53c 025 260		<u>TR2B:25</u> (B) <u>BL-1B:T</u> TR2B:28	<u>X4:2</u> <u>X4:5</u>	<u>a10B</u> OA03 <u>10B</u> OA05	Z120 N	VTT:Blk (Bk)
		023 240 53c 025 260	53d	BL-1B:T		100	Z120 N A040 3B	VTT:Blk (Bk) LK-23B:B

(W)	TL6-B:T	32BHa	—OZ03	Z040	34BHa 34BHa	<u>TXP-B:Z02</u> TXP-B:Z06
(B)	<u>TL6-C:T</u>	33BHa	—0Z05	Z060	34BHa 34BHa	TXP-B:Z04 TL6-N:T
(Bk)	<u>TL7-C1:T</u>	C1a	—OZ07	Z080	C1b	TL7-Nr:T
				Z090	L1	VTT:R
				Z100	L2	VTT:W
				(Z100) Z110)	L3	VTT:B
				$\langle \rangle$	N	VTT:Blk
	X4:2	a10B	0.4.00	(Z120)	3B	LK-23B:B
	X4:5	10B	-OA03	A04O	2B/21	LK-21B:B
	<u> </u>	100	-OA05	A06O		
	¥0.4		0A09	A070-	a10BI	X2:3
	<u>XS:4</u>	PDB				
	<u>X50:1</u>	10B/AF1	-OC01	C02O—	2B/AF1	X50:2
	<u>X50:5</u>	10B/AF2	-OC03	C040-	2B/AF2	X50:6
	X50:9	10B/AF3	-OC05	C06O	2B/AF3	X50:10
	<u>X4:4</u>	10B	-OC07	C080—	2B/3	LK-3B:B
	<u>X50:3</u>	28/CC1	O D01	D020-	2B/CC1a	X50:4
	X50:7	28/CC2	OD03	D040-	2B/CC2a	X50:8
	X50:11	28/CC3	-OD05	D060-	2B/CC3a	X50:12
	<u>X4:3</u>	10B	-OD07	D080-	2B/2	LK-2B:B
	<u>LK-28B:T</u>	7CBa	—OA10	A110	1B	X4:11
	<u>LK-27B:T</u>	6CBa				
	X3:13	2CB		C100	1B	X4:12
	<u>X3:14</u>	ACB	—OC11	C120—	1B	X4:13
	X3:15	3CB	OC13	C140-	1B	X4:14
	<u>LK-29B:T</u>	RTCa		C160-	1B	X4:15
	TR2B:10	2B/H/DCS2	-OD09	D100-	1B	X4:7
	LK-24B:T	PIRα			1B	X4:8
	LK-25B:T	TROPd	-OD11	D120-	1B	X4:9
	LK-26B:T	TRNDPa	—O D13	D140-	1B	X4:10
	X4:1	a10B	—O D15	D160-	1B	X4:6
	וידא	UIUB	-OA01	A020-		
() · · · ·			OB04	B060		
(Y/G)	TR1B:E	E5	—OGND			

TAGNAME	MFG	CATNO	DESC
BL, LK, TL	EUGAQUIP	MOULDED TYPE M5	BATTE
CA	IDEC	RH2B-ULD 48V DC	AUXILI
C-0C1, C-0C2	SCHNEIDER ELECT.	MICOM P142	OVERCI
DIFF	-	КЗМ	3 ELEM
EB	-	EARTH BAR	PANEL
FSA, FSB	ALSTOM	RS20P Black	FUSE -
LV OC&EF-A	SCHNEIDER ELECT.	MICOM P115	OVERCU
PIR	RMS	PIR	PILOT I
TR1A, TR2A	RMS	TR12-BD-22	LATCHI
IR1B, TR2B	RMS	TR12-CD-22	LATCHI
TXP-B	SCHWEITZER	SEL-751	TRANS
TI-1	RMS	3A32K37	TRIP IN
VTT	MULTI CONNECT (RS COMPONENTS)	SLB4-G	INSULA 1 x RED 1 x WHI 1 x BLU 1 x BLA
X1, X3, X6, X7, X10, X50	UTILUX	3820	RAIL M
X2	UTILUX	H2238	RAIL M
X4	WEIDMULLER	SAK 2.5	RAIL M
XS	WEIDMULLER	ASK1	RAIL M
XS	WEIDMULLER	SAKR	RAIL M
LEGEND			

Q



14		15		16	
				227380 Sh1 227380 Sh2 227380 Sh3 227380 Sh3	_
CTION (E TYPE LV) TRANSFORM , TRANSFORMERS AND CUSTOM (PE TX, & OAFD, TRANSFORME PE TX, & OAFD, TRANSFORME (PE TX, & OAFD, TRANSFORME	MERS AND CUSTOMER OVERCURF MER OVERCURRENT PROTECTION R PROTECTION PANEL WIRING D R PROTECTION PANEL WIRING DI R PROTECTION PANEL CABLE CO R PROTECTION PANEL CABLE CO	RENT FREE STANDING FREE STANDING PA IAGRAM AGRAM DNNECTION DIAGRAM	G PANELS LAYOUT DETAILS NELS LABEL DETAILS		A
FD CUSTOMER OC No.1 (& No.2) TICAL ARC FLASH DETECTION ( TICAL ARC FLASH DETECTION ( FD 1500kVA TX'S AND VENTIL FD DISTRIBUTION LOCAL AUTO & CUSTOMER OC No1 & No2 PR	PROTECTION PANEL WIRING AN CABLING DIAGRAM	D CABLE CONNECTION LAYOUT, WIRING, & ( NUT AND LABEL DET/ MATION CONTROL PA	CONNECTIONS AILS ANEL WIRING & CABLING	227385 Sh1 227386 Sh1 227386 Sh1 227386 Sh2 227387 Sh1 227388 Sh1 227389 Sh1 227389 Sh1	B
FD TRANSFORMER ACB INTERN FD CUSTOMER ACB INTERNAL	NAL WIRING AND ACB PANEL COM WIRING AND ACB PANEL CONTRO NG AND GENERAL MOUNTING DET	NTROL WIRING SCHEN DL WIRING SCHEMATI	MATIC	227390 Sh1 227390 Sh2 227350 Sh5 125190 DWG No.	
					С
S OPEN WHEN RELEASED. IFICATION AS SHOWN ON TH	HE ASSOCIATED AC & DC PR	OTECTION SCHEMA	TICS,		
COLOURED GREY. ED COLOURED GREEN/YELLO E PVC INSULATED COLOUREE E PVC INSULATED COLOUREE PVC INSULATED COLOUREE GRADE PVC INSULATED CO CTIONS ARE TO BE FITTED V LY COVERED.	D RED (R). D WHITE (W). D BLUE (B).	ARN OF THE 415V/	/240		D
	O TERMINALS WHERE POSSIBI THE PANEL.	LE. WIRE IDENTIFIC	ATION		
COND PROTECTION CABINET, WITH THE DESTINATION PA	IN FIRST PROTECTION CABIN THE EARTH BAR IS COMMONN NELS ABBREVIATION. FOR EX	N TO Tx No.3, AMPLE "P1 TR2A:E			E
DN THE TR2A RELAY, TERMI IRED AS REQUIRED: FORMER WITH BUCHHOLZ IS No2 OC PROTECTION IS INS		TION TABLE.			
FION PANEL (FF	RONT VIEW)		415V	AC	F
10B/7         BL-7B:T           2B/AFT1         LK-8B:T           2B/9         LK-9B:T           2B/CT1         LK-11B:T			SEE N L1 L2 I L3 N	NOTE 4 <u>VTT:R</u> (R) <u>VTT:W</u> (W) <u>VTT:B</u> (B) <u>VTT:Blk</u> (Bk)	
10B/12         BL-12B:T           2B/AFT2         LK-13B:T           2B/14         LK-14B:T           2B/CT2         LK-15B:T           10B/16         BL-16B:T		4   5   6   7	53α 53e 53e 53e 53f	TR1A:25         (B)           TR2B:26         (B)           CA:9         (B)           CA:5         (B)	
2B/AFT3         LK-17B:T           2B/18         LK-18B:T           2B/CT3         LK-19B:T		X6	J ⊶	<b>DIFF:At</b> (R)	G
10B/AF1         TXP-B:C01           2B/AF1         TXP-B:C02           2B/CC1         TXP-B:D01		2	<ul> <li>32</li> <li>31</li> <li>32AH</li> <li>33</li> <li>33AH</li> </ul>	X7:2 (W) X7:1 (R) DIFF:Bt (W) X7:3 (B) DIFF:Ct (B)	
2B/CC1a         TXP-B:D02           10B/AF2         TXP-B:C03           2B/AF2         TXP-B:C04           2B/CC2         TXP-B:D03		4	•—••••••••••••••••••••••••••••••••••••	<u>TL5-N:B</u> (Bk) X6:5 (Bk) X6:4 (Bk) X6:6 (Bk)	н
2B/CC2a         TXP-B:D04           10B/AF3         TXP-B:C05           2B/AF3         TXP-B:C06           2B/CC3         TXP-B:D05           2B/CC3a         TXP-B:D06		6 7 8 9	○→○         34AH           ○→○         31BH           ○→○         32BH           ○→○         33BH	X6:5 (Bk) TL6-A:B (R) TL6-B:B (W) TL6-C:B (B)	
		10 11 12	<ul> <li>34BH</li> <li>34BH</li> <li>34BH</li> <li>34BH</li> <li>34BH</li> <li>34BH</li> <li>34BH</li> <li>34BH</li> </ul>	TL6-N:B         (Bk)           X6:11         (Bk)           X6:10         (Bk)           X6:12         (Bk)           X6:11         (Bk)	
a10B         TXP-B:A01           a10B         TXP-B:A03           10B         TXP-B:D07           10B         TXP-B:C07		X7	<b>00</b> 31		J
10B         TXP-B:A05           1B         TXP-B:A02           1B         TXP-B:D10           1B         TXP-B:D12		2	→ 32 32	<u>X6:2</u> (R) <u>TL3-C:B</u> (R) <u>X6:1</u> (W) <u>TL3-A:B</u> (W)	
1B         TXP-B:D14           1B         TXP-B:D16           1B         TXP-B:A11           1B         TXP-B:C10           1B         TXP-B:C12		4 5 6	33 33 34 35 36	X6:3         (B)           TL3-B:B         (B)           TL2-A:B         (R)           TL2-B:B         (W)           TL2-C:B         (B)           TL7-C1:B         (Bk)	
1B         TXP-B:C14           1B         TXP-B:C16           1B         LV		7		<u>TL7-C2:B</u> (Bk)	K
	<u>TL5-NiB</u> (γ/G) TL6-NiB (γ/G) (γ/G) <u>L7-C2iB</u> (γ/G) <u>TTR2AiE</u> (γ/G)	TR2BiE EARTH TL1-NiB JC1iGND TL1-NiB TL1-NiB	EARTH		
	P3 1 P3 1 P3 1 P3 1	P3 P3 DODR /1E PC1 PC1 C- /2E PC2	PC1 DDDR		
130	20034A 300034B 20034B 20034B		μγ		
9. NTS		FOR CABINET 2. SE	EE NOTE 9.	DNS	
- E.KAIROUZ L.MARTINUZZI M.BENNETT 04/02/2015	WITH E TYP & OPTIC	PE LV BOA	ARD & OIL TY LASH DETECT OTECTION PA	(PE TX TION	M
- - 14	DRAWING No 227		et 2 amd 3	SIZE AO	O 20180416
17					<u> </u>