

WALL MOUNTED Door Layou

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1. THIS DRAWING SHOWS THE NEW TRANSFORMER PROTECTION PANEL LAYOUT FOR SUBURBAN DISTRIBUTION SUBSTATIONS. IT INCORPORATES

8. STANDARD WARNING LABEL TO HIGHLIGHT THE 415V AC HAZARD TO BE MOUNTED AS SHOWN BOTH FRONT AND BACK OF THE PANEL DOOF

	227352-2					
	227352-3					
	227355-1					
	227355-2					
	227357-1					
	28632-1					
	178227-1					
PROVED BY						
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						LABEL LABEL SIZE	COLOUR	DEL DE TEXT LINE			No OFF
Ę						1 C8	GRAVOPLY No.200 WHITE/BLACK	LINE 1	8	TRANSFORMER No.#	1
180						2 C7	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER DIFFERENTIAL RELAY	1
1 0	·					з с7	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	LV OC & EF RELAY	1
						4 C7	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER THERMAL TRIP INDICATOR	1
SIEMENS 7SR4504						5 C7	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER & ARC FLASH RELAY	1
						6 5C10	GRAVOPLY No 259 PINE GREEN/WHITE	LINE 1 LINE 2 LINE 3	4.0 2.5 2.5	A B C OVERCURRENT & EARTH FAULT RELAY	1
						7 5010	GRAVOPLY No 259	LINE 4 LINE 1 LINE 2	2.5 4.0 2.5	2~ CT TEST LINKS A B C OVERCURRENT & EARTH FAULT	1
								LINE 3 LINE 4	4.0	RELAY 3~ DELTA TEST LINKS A B C	
⊕						8 5C10	GRAVOPLY No 259 PINE GREEN/WHITE	LINE 2 LINE 3 LINE 4	2.5 2.5 2.5	TRANSFORMER & ARC FLASH RELAY 5~ TEST LINKS	
• 3 •						9 5C1	GRAVOPLY № 259 PINE GREEN/WHITE	LINE 1 LINE 2 LINE 3	4.0 2.5 2.5	A B C N TRANSFORMER PROTECTION H.V. CT TEST LINKS	1
						10 5C10	GRAVOPLY No 259 PINE GREEN/WHITE	LINE 1 LINE 2 LINE 3	4.0 2.5 2.5	6~ Nr A N EARTH FAULT CT TEST LINKS	1
	A					11 502	GRAVOPLY No.200	LINE 1	2.5	7∼ TX №.1 ARC FLASH	1
	415V AC	SEE NOTE 8				11 502	WHITE/BLACK TRAFFOLYTE	LINE 2	2.5	2B TX No.1 ARC FLASH	
	$\Theta_{R} \Theta_{W} \Theta_{B}$	- Bk				12 5C2	GRAVOPLY No.200		2.5 2.5 2.5	TRIP LINK 3B TX No.2 ARC FLASH	
	• 33	•				13 5C2	WHITE/BLACK TRAFFOLYTE	LINE 2	2.5	6B TX No.2 ARC FLASH	
						14 5C2	GRAVOPLY No.200	LINE 2	2.5	7B TRIP LINK	1
<u> </u>						15 5C2	WHITE/BLACK	LINE 1 LINE 2		TX No.3 ARC FLASH BATTERY LINK 11B	1
	DOOR RE SHOWN	TURN				16 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOV			TX No.3 ARC FLASH TRIP LINK 12B ARC FLASH BYPASS	1
						17 5C2	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2 LINE 3	2.5 2.5 2.5	BATTERY LINK 15B NORMALLY OPEN	1
	17A () 18A () 20A ()					18 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOV	LINE 1 LINE 2	2.5 2.5	TX No.1 CURRENT CHECK LINK 4B	1
		0 21				19 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOV	LINE 1 ↓ LINE 2	2.5 2.5	TX No.1 CURRENT CHECK TRIP LINK 5B	1
	22 28 28 28	30 0				20 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOW	LINE 1 LINE 2	2.5 2.5	TX No.2 CURRENT CHECK LINK 8B	1
	0 0 0 0		EART	Ч		21 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOW	LINE 1 LINE 2	2.5 2.5	TX No.2 CURRENT CHECK TRIP LINK 9B	1
			STUD			22 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOW	LINE 1 LINE 2	2.5 2.5	TX No.3 CURRENT CHECK LINK 13B	1
		$\bigcirc \bigcirc$				23 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOW	LINE 1 LINE 2	2.5 2.5	TX No.3 CURRENT CHECK TRIP LINK 14B	1
	7~ D 02	0 10A 0 1A				24 5C2	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER HV OC BATTERY LINK 16B	1
	0 •	32				25 5C2	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER LOAD RELIEF BATTERY LINK 17A	1
						26 5C2	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER DIFFERENTIAL BATTERY LINK 18A	1
						27 5C2	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER OC & EF BATTERY LINK	1
						28 5C2	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2	2.5 2.5	TRANSFORMER THERMAL	1
PANEL (MAR JT FRONT VIE						29 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOW	LINE 1	2.5 2.5	CUSTOMER OC No.1	1
						30 5C2	TRAFFOLYTE YELLOW/BLACK/YELLOW	LINE 1	2.5 2.5	21A CUSTOMER 0C No.2 TRIP LINK	1
						31 C12	TRAFFOLYTE	LINE 1 LINE 2	4.0 2.5 2.5	22A FS1 FS2 10B 1B 48V & 30V 'B'	1
PTICAL ARC FLASH DETECTION	TAGNAME	MFG	CATNO	DESC	REF_DWG		RED/WHITE/RED	LINE 3 LINE 4 LINE 1 LINE 2	2.5	MASTER BATT FUSES & LINKS 10A 1A 30V 'A'	
	BL, LK, TL DIFF	EUGAQUIP -	MOULDED TYPE M5 K3M	BATTERY/TEST LINK DIFFERENTIAL FUSE RELAY	507111 113243	32 C3	RED/WHITE/RED	LINE 3 LINE 4	2.5 2.5	MASTER BATT LINKS	
	EB FS1, FS2 LV 0C&EF-A	- ALSTOM SIEMENS	EARTH BAR RS20P Black 7SR4504-2HB20-1AA0	EARTH BAR FUSE - 2 STUD BACK CONNECTED OVERCURRENT & EARTH FAULT RELAY	- 260111	33 C23	GRAVOPLY № 259 PINE GREEN/WHITE	LINE 1 LINE 2 LINE 3	4.0 2.5 2.5	A B C N 415V AC VOLTAGE TEST TERMINALS	1
	TXP-B TI-1 VTT	SCHWEITZER RMS MULTI CONNECT (RS COMPONENTS	SEL-751A 3A32K37 SLB4-G	TRANSFORMER PROTECTION RELAY TRIP INDICATOR TI-3 (0.2 ohm) INSULATED TEST PANEL SOCKETS 1 x RED 23.3020.22 (404–244) 1 w HET SOCKETS	222614 123399 231226						
BE CONNECTED. THE THERMAL	X1, X2, X5, X10	UTILUX	3820	INSULATED TEST PANEL SOCKETS 1 x RED 23.3020.22 (404–244) 1 x WHITE 23.3020.29 (404–250) 1 x BLUE 23.3020.23 (404–216) 1 x BLACK 23.3020.21 (404–200) RAIL MOUNTED TERMINAL	118547						
RANSFORMER PROTECTION PANEL	X6, X7 X8 X50, XT	UTILUX UTILUX UTILUX	3820 H2238 3820	RAIL MOUNTED TERMINAL RAIL MOUNTED TERMINAL – ORANGE RAIL MOUNTED TERMINAL	118547 - 118547						
	XS XS LEGEND	WEIDMULLER WEIDMULLER	SAK 2.5 SAKR	RAIL MOUNTED TERMINAL CAT No. 27966 RAIL MOUNTED ISOLATING TERM CAT No.41226							
					SCALE	1:2			DWICE	3 SUBSTATIONS	
				Ausgri	DESIGNED DRAWN CHECKED	– L.MARTIN W.BYR		WI	TH E	TYPE LV BOARD	FCTIO
			′∧\ N\ //	24 Campbell Street	APPROVED	M.BYR					
		COMPUTER A	IDED MANUFACTURE	SYDNEY NSW 2000 P: 9272 3805	DATE	15/06/2	<u></u> Г			OPTICAL AFD STYL ABEL DETAILS DIA	

	TAGNAME	MFG	CATNO	DESC	REF_DWG	
	BL, LK, TL	EUGAQUIP	MOULDED TYPE M5	BATTERY/TEST LINK	507111	
	DIFF	-	КЗМ	DIFFERENTIAL FUSE RELAY	113243	
	EB	-	EARTH BAR	EARTH BAR	-	
	FS1_FS2	ALSTOM	RS20P Black	FUSE - 2 STUD BACK CONNECTED		
	LV OC&EF-A	SIEMENS	7SR4504-2HB20-1AA0	OVERCURRENT & EARTH FAULT RELAY	260111	
	TXP-B	SCHWEITZER	SEL-751A	TRANSFORMER PROTECTION RELAY	222614	
	TI-1	RMS	3A32K37	TRIP INDICATOR TI-3 (0.2 ohm)	123399	
	VTT	MULTI CONNECT (RS COMPONENTS)	SLB4-G	INSULATED TEST PANEL SOCKETS 1 x RED 23.3020.22 (404-244) 1 x WHITE 23.3020.29 (404-250) 1 x BLUE 23.3020.23 (404-216) 1 x BLACK 23.3020.21 (404-200)	231226	
TO BE CONNECTED. THE THERMAL	X1, X2, X5, X10	UTILUX	3820	RAIL MOUNTED TERMINAL	118547	
HE TRANSFORMER PROTECTION PANEL	X6, X7	UTILUX	3820	RAIL MOUNTED TERMINAL	118547	
	X8	UTILUX	H2238	RAIL MOUNTED TERMINAL – ORANGE	-	
	X50, XT	UTILUX	3820	RAIL MOUNTED TERMINAL	118547	
DOOR.	XS	WEIDMULLER	SAK 2.5	RAIL MOUNTED TERMINAL CAT No. 27966	-	
	XS	XS WEIDMULLER SAKR RAIL MOUNTED ISOLATING TERM CAT No.4122				
	LEGEND					
					SCALE	
					DESIGNED	
				Ausgrid	DRAWN	
		\square		•	CHECKED	
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