

- NOTES:**
- LINKS SHOULD BE MOUNTED SO THAT THE MOVEABLE LINK FALLS OPEN WHEN RELEASED.
 - NUMBERING ON BATTERY AND TEST LINKS REFERS TO LINK IDENTIFICATION AS SHOWN ON THE ASSOCIATED AC & DC PROTECTION SCHEMATICS, SEE DRAWING REFERENCE TABLE.
 - ALL PANEL WIRING IS TO BE AS LISTED HERE:
 - DC WIRING IS TO BE 7/0.50, 0.6kV GRADE PVC INSULATED COLOURED GREY.
 - EARTH WIRING IS TO BE 7/0.67, 0.6kV GRADE PVC INSULATED COLOURED GREEN/YELLOW (Y/G).
 - A PHASE CT AND AC WIRING IS TO BE 7/0.67, 0.6kV GRADE PVC INSULATED COLOURED RED (R).
 - B PHASE CT AND AC WIRING IS TO BE 7/0.67, 0.6kV GRADE PVC INSULATED COLOURED WHITE (W).
 - C PHASE CT AND AC WIRING IS TO BE 7/0.67, 0.6kV GRADE PVC INSULATED COLOURED BLUE (B).
 - EARTH CT AND NEUTRAL AC WIRING IS TO BE 7/0.67, 0.6kV GRADE PVC INSULATED COLOURED BLACK (Bk).
 - TERMINALS, INSULATED TEST PANEL SOCKETS AND RELAY CONNECTIONS ARE TO BE FITTED WITH CAUTION LABELS TO WARN OF THE 415V/240 AC HAZARD. ANY EXPOSED TERMINALS ARE TO BE APPROPRIATELY COVERED.
 - ALL WIRING TO HAVE IDENTIFICATION FERRULES FITTED AT BOTH ENDS OF WIRE ADJACENT TO TERMINALS WHERE POSSIBLE. WIRE IDENTIFICATION CODES TO BE IN ACCORDANCE WITH THIS DRAWING.
 - TEST LINKS (TL) TO BE WIRED N-C-B-A LEFT TO RIGHT WHEN VIEWED FROM THE REAR OF THE PANEL.
 - THE WIRING SHOWN IS BASED ON THE RELAYS LISTED IN THE LEGEND.
 - PANEL DOOR LAYOUT IS REPRESENTATIVE, FOR ACTUAL DOOR LAYOUT SEE DWG 227352Sh01.

TAGNAME	MFG	CATNO	DESC	REF_DWG
BL LK, TL	EUGADUP	MOULDED TYPE M6	BATTERY / TEST LINK	38841
DIFF	K3M	K3M	DIFFERENTIAL FUSE RELAY	15513
EB	-	EARTH BAR	EARTH BAR	-
FS1, FS2	ALSTOM	RS20P Black	FUSE - 2 STUD BACK CONNECTED	-
LV DCKEF-A	SCHNEIDER ELECT	MIDM PHS	OVERCURRENT & EARTH FAULT RELAY	22582
TXP-B	SCHWEITZER	SLE-351	TRANSFORMER PROTECTION RELAY	-
TI-1	SMS	TAZK3T	TRIP INDICATOR TI-3 (0.2 Ohm)	12399
VTT	MULTI CONNECT (IRS 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 (404-236) 1 x BLACK 23 3020 21 (404-208)	23126
X1, X2, X10	UTILUX	3820	RAIL MOUNTED TERMINAL	18547
X6, X7	UTILUX	3820	RAIL MOUNTED TERMINAL	18547
X8	UTILUX	H2238	RAIL MOUNTED TERMINAL - ORANGE	-
X50, X1	UTILUX	3820	RAIL MOUNTED TERMINAL	18547
X5	WEIDMULLER	SAK 2.5	RAIL MOUNTED TERMINAL CAT No. 27964	-
X5	WEIDMULLER	SAKR	RAIL MOUNTED ISOLATING TERM CAT No. 41226	-

TITLE	DIWG No.
RMCB SUBSTATIONS WITH E TYPE LV BOARD AC SCHEMATIC WITH OPTICAL ARC FLASH DETECTION	2273505h01
RMCB SUBSTATIONS WITH E TYPE LV BOARD TRANSFORMER DC SCHEMATIC WITH OPTICAL ARC FLASH DETECTION	2273505h02
RMCB SUBSTATIONS WITH E TYPE LV BOARD CUSTOMER OVERCURRENT DC SCHEMATIC	2273505h03
RMCB SUBSTATIONS WITH E TYPE LV BOARD DC SUPPLY CABLE LOOPING AND SCADA SCHEMATIC	2273505h04
RMCB SUBSTATIONS WITH E TYPE LV BOARD WITH OPTICAL ARC FLASH DETECTION FIBRE LOOPING AND GENERAL MOUNTING DETAILS	2273505h05
RMCB SUBSTATIONS WITH E TYPE LV BOARD TX WALL MOUNTED PROTIN PANEL WITH OPTICAL AFD STYLE 1 LAYOUT AND LABEL DETAILS DIAGRAM	2273515h01
RMCB SUBSTATIONS WITH E TYPE LV BOARD TRANSFORMER PROTECTION PANEL STYLE 1 WIRING DIAGRAM	2273515h02
RMCB SUBSTATIONS WITH E TYPE LV BOARD TRANSFORMER PROTECTION PANEL STYLE 1 CABLE CONNECTION DIAGRAM	2273515h03
RMCB SUBSTATIONS WITH E TYPE LV BOARD TX WALL MOUNTED PROTIN PANEL WITH OPTICAL AFD STYLE 2 LAYOUT AND LABEL DETAILS DIAGRAM	2273525h01
RMCB SUBSTATIONS WITH E TYPE LV BOARD TRANSFORMER PROTECTION PANEL STYLE 2 WIRING DIAGRAM	2273525h02
RMCB SUBSTATIONS WITH E TYPE LV BOARD TRANSFORMER PROTECTION PANEL STYLE 2 CABLE CONNECTION DIAGRAM	2273525h03
RMCB SUBSTATIONS WITH E TYPE LV BOARD CUSTOMER OVERCURRENT WALL MOUNTED PROTIN PANEL LAYOUT AND LABEL DETAILS DIAGRAM	2273535h01
RMCB SUBSTATIONS WITH E TYPE LV BOARD CUSTOMER OVERCURRENT WIRING DIAGRAM	2273535h02
RMCB SUBSTATIONS WITH E TYPE LV BOARD OPTICAL ARC FLASH DETECTION INDICATION PANEL SCHEMATIC DRILLING AND WIRING DIAGRAM	2273545h01
RMCB SUBSTATIONS WITH E TYPE LV BOARD AND OPTICAL ARC FLASH DETECTION CABLING DIAGRAM	2273555h01
RMCB SUBSTATIONS WITH E TYPE LV BOARD AND OPTICAL ARC FLASH DETECTION CABLE SCHEDULE	2273555h02
RMCB SUBSTATIONS WITH E TYPE LV BOARD SUBURBAN TYPE SUBSTATION WITH 1500kVA TRANSFORMERS SERVICE BOARD GEN ARRANGEMENT AND WIRING	2273565h01
E TYPE LV BOARD MERLIN GERIN MASTERPAC TP AIR CIRCUIT BREAKERS EXTERNAL CONNECTIONS FOR AFD DIST. SUBSTATIONS	2273575h01
RMCB SUBSTATIONS WITH E TYPE LV BOARD AND OPTICAL ARC FLASH DETECTION SCADA PANEL WIRING AND CABLING DETAILS	2273585h01
E TYPE LV BOARD ACCEPTABLE COMBINATIONS	178227
EPOXY RESIN ENCASED PROTECTION CURRENT TRANSFORMER OUTLINE AND DETAILS	126190
REFERENCE DRAWINGS	

PANEL TERMINAL RAIL LAYOUT FRONT VIEW

PANEL DOOR REAR VIEW

LEGEND

1. REFER TO THE DRAWING FOR THE LOCATION OF THE TERMINALS AND THE LOCATION OF THE SOCKETS.

2. REFER TO THE DRAWING FOR THE LOCATION OF THE TERMINALS AND THE LOCATION OF THE SOCKETS.

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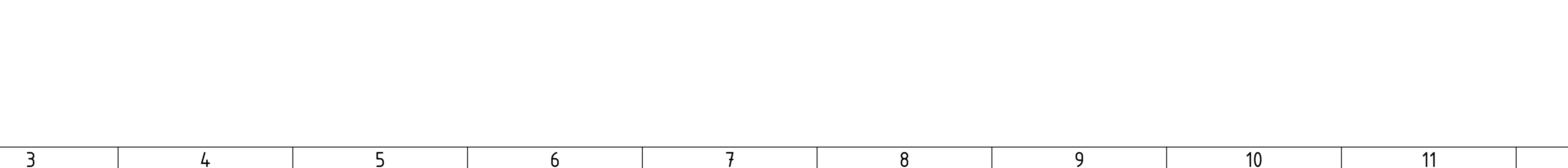
12. REFER TO THE DRAWING FOR THE LOCATION OF THE TERMINALS AND THE LOCATION OF THE SOCKETS.

13. REFER TO THE DRAWING FOR THE LOCATION OF THE TERMINALS AND THE LOCATION OF THE SOCKETS.

14. REFER TO THE DRAWING FOR THE LOCATION OF THE TERMINALS AND THE LOCATION OF THE SOCKETS.

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16. REFER TO THE DRAWING FOR THE LOCATION OF THE TERMINALS AND THE LOCATION OF THE SOCKETS.



Ausgrid

24 Campbell Street
SYDNEY NSW 2000
P. 9272 3805

ISSUED FOR CONSTRUCTION

SCALE: DESIGNED NTS, DRAWN L.MARTINUZZI, CHECKED W.BYRNE, APPROVED M.BENNETT, DATE 15/06/2012, TRIM REF -

PROJECT NUMBER: SM-06717

DRAWING No: 227352

SHEET 2

AMD 3

SIZE A0

RMCB SUBSTATIONS WITH E TYPE LV BOARD TRANSFORMER WALL MOUNTED PROTECTION PANEL WITH OPTICAL AFD STYLE 2 WIRING DIAGRAM

PROJ. NO. 227352

DATE 15/06/2012

SCALE NTS

DRAWN L.MARTINUZZI

CHECKED W.BYRNE

APPROVED M.BENNETT

DATE 15/06/2012

TRIM REF -

PROJECT NUMBER: SM-06717

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