



- 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 227352-1.

PANEL TERMINAL RAIL LAYOUT FRONT VIEW

PANEL DOOR REAR VIEW

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
3	08/08/2023	AMENDED TXP-B RELAY TYPE & VT INPUT CONNECTIONS AS SHOWN.	L.M.	L.M.	M.B.	M.B.
4	12/06/2024	AMENDED TXP-B RELAY TYPE & VT INPUT CONNECTIONS AS SHOWN. AC & DC LINKS NOW 5mm TYPE.	L.M.	L.M.	M.B.	M.B.
5	19/09/2024	REPLACED SCHNEIDER P115 WITH SIEMENS 7SR4504 IN LEGEND & WIRING CONNECTIONS.	L.M.	L.M.	M.B.	M.B.

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DESIGNED: -
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CHECKED: W.BYRNE
APPROVED: M.BENNETT
DATE: 15/06/2012
TRIM REF: -
PROJECT NUMBER: SM-06717

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

DRAWING No: 227352 SHEET 2 AMD 5 SIZE A0

ISSUED FOR CONSTRUCTION

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