



SIDE VIEW

NOTES

STOCK CODE 123703

INSTALLATION

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH NS 114 AND RELEVANT SUBSTATION CABLING DIAGRAM AND SCHEDULE.
2. THE BATTERY TEST BOX SHALL BE CONNECTED TO THE END OF THE DC CIRCUIT REMOTE FROM THE TRIPPING BATTERY AS SHOWN ON THE SUBSTATION CABLING DIAGRAM.
3. THE BATTERY TEST BOX IS TO BE MOUNTED ON A WALL ADJACENT TO THE SUBSTATION PERSONNEL ACCESS DOOR. IT SHALL BE READILY VISIBLE AND ACCESSIBLE.
4. A SUITABLE CABLE ENTRY HOLE IS TO BE DRILLED ON SITE INTO THE BASE OF THE BOX TO SUIT THE TYPE OF MOUNTING AND DIRECTION OF CABLE ENTRY.
5. EITHER ITEM 8a OR 8b IS TO BE FIXED IN POSITION SHOWN ON SITE TO SUIT PROTECTION BATTERY VOLTAGE. THE LABEL IS NOT TO COVER THE METER ADJUSTMENT SCREW.

MATERIAL LIST

ITEM	DESCRIPTION	QTY	MATERIAL	REMARKS
1	ENCLOSURE - 160 H x 120 W x 93 D	1	ALCO ALCEZIBOX4	SEE NOTE A
2	0 - 40 V DC METER	1	UNIVERSITY PATON UPI670-40V	
3	Ø22 RED PUSHBUTTON WITH N/O CONTACT	1	SCHNEIDER S-EZB5AA4	
		1	SCHNEIDER S-EZB5AZ102	
4	10A, FEMALE IEC PANEL MOUNT SOCKET	1	RS Stock No: 811-7193 OR SIMILAR	
5	LABEL - 20mm x 7mm WITH 3.5mm BLACK LETTERING	1	SELF ADHESIVE WHITE TRAFFOLYTE	
6	LABEL - 20mm x 7mm WITH 3.5mm BLACK LETTERING	1	SELF ADHESIVE WHITE TRAFFOLYTE	
7	LABEL - 20mm x 7mm WITH 3.5mm BLACK LETTERING	1	SELF ADHESIVE WHITE TRAFFOLYTE	
8a	LABEL - 50mm x 15mm WITH 3.5mm BLACK LETTERING	1	SELF ADHESIVE WHITE TRAFFOLYTE	SEE DETAIL A
8b	LABEL - 50mm x 15mm WITH 3.5mm BLACK LETTERING	1	SELF ADHESIVE WHITE TRAFFOLYTE	SEE DETAIL B

A M E N D M E N T S						
AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
13	27/03/2020	BORDER & TITLE BLOCK UPDATED. AMENDED LABEL LAYOUT. ADDED TEXT & TERMINAL MARKINGS FOR SOCKET ON SCHEMATIC. AMENDED MANUFACTURER NOTE B & ADDED NOTE D. AMENDED PART NUMBER & ADDED OPTION.	L.MARTINUZZI	L.MARTINUZZI	M.BENNETT	M.BENNETT
14	08/08/2023	AMENDED MANUFACTURER NOTE B, REMOVED CSA SIZE OF INCOMING SUPPLY.	L.M.	L.M.	M.B.	M.B.
15	26/09/2025	AMENDED ENCLOSURE TYPE & DIMENSIONS, ENCLOSURE, VOLTMETER & 10A IEC SOCKET ORDER CODES.	L.M.	L.M.	M.B.	M.B.



SCALE	1:1
DESIGNED	-
DRAWN	DJO
CHECKED	SP
APPROVED	JH
DATE	20/01/1989
TRIM OFF	-

TRIPPING BATTERY TEST BOX ASSEMBLY & WIRING DETAILS

ISSUED FOR CONSTRUCTION	PROJECT NUMBER	22873	SIZE A2	DRAWING No 22212	SHEET 1	AMD 15
----------------------------	-------------------	-------	------------	---------------------	------------	-----------