



STOCK CODE 123703

NOTES

MANUFACTURER

- A. ENSURE WHEN EQUIPMENT AND INTERNAL WIRING IS MOUNTED ON BATTERY TEST BOX THAT EXTERNAL CONNECTION OF DC SUPPLY IS POSSIBLE FROM THE SIDES, BOTTOM OR REAR.
- B. ALL WIRING TO BE 4mm<sup>2</sup> PVC EXCEPT FOR VOLT METER WHICH MAY BE MINIMUM 1.5mm<sup>2</sup> FLEXIBLE PVC CABLE.
- C. SUPPLY AND FIX ALL LABELS IN POSITIONS SHOWN EXCEPT FOR ITEMS 8a AND 8b WHICH ARE TO BE LEFT LOOSE INSIDE THE BOX.

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 - 180 H x 80 W x 65 D	1	TRF TRADE FORCE TRFEZIBOX4	SEE NOTE A
2	0 - 40 V DC METER	1	UNIVERSITY UNIDEMC670-40VDC-BU	
3	φ22 RED PUSHBUTTON WITH N/O CONTACT	1	SCHNEIDER S-EZB5AA4	
		1	SCHNEIDER S-EZB5AZ102	
4	10A, FEMALE IEC PANEL MOUNT SOCKET	1	JAYCAR PART NO. PS4176	
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

CAD DRAWING  
DO NOT MANUALLY AMEND  
A M E N D M E N T S  
11. REDRAWN IN AUTOCAD.  
FLAT 3 PIN SOCKET  
REPLACED BY SOCKET WITH  
ONE ROUND PIN.  
BOX DESIGN UPDATED  
STOCK CODE ADDED.  
INSTALLATION NOTES  
ADDED:  
PN: PM02-02010-1-5-1  
C.MABBUTT 7.5.12  
CHECKED: P.JARVIS  
APPROVED: P.TURRIN  
12. ITEMS 1, 2 & 3 ALTERED IN  
LINE WITH SUPPLY CONTRACT.  
INSTALLATION NOTES  
ALTERED TO ALIGN WITH  
NS114.  
PN: OPEX 6568-1-2-4  
P.JARVIS 7.9.16  
CHECKED: C.MABBUTT  
APPROVED: P.TURRIN

**CONSTRUCTION**

NETWORK STANDARD  
**Ausgrid**  
ENGINEERING BRANCH  
PRIMARY SYSTEMS  
TRANSMISSION & DISTRIBUTION SUBSTATION ENGINEERING  
570 GEORGE STREET, SYDNEY

SCALE	1:1
DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	
PROJECT NUMBER	
PROJTRAK NUMBER	

TRIPPING BATTERY TEST BOX  
ASSEMBLY AND WIRING DETAILS

SIZE	DRAWING No	SHEET	AMD
A2	22212	1	12