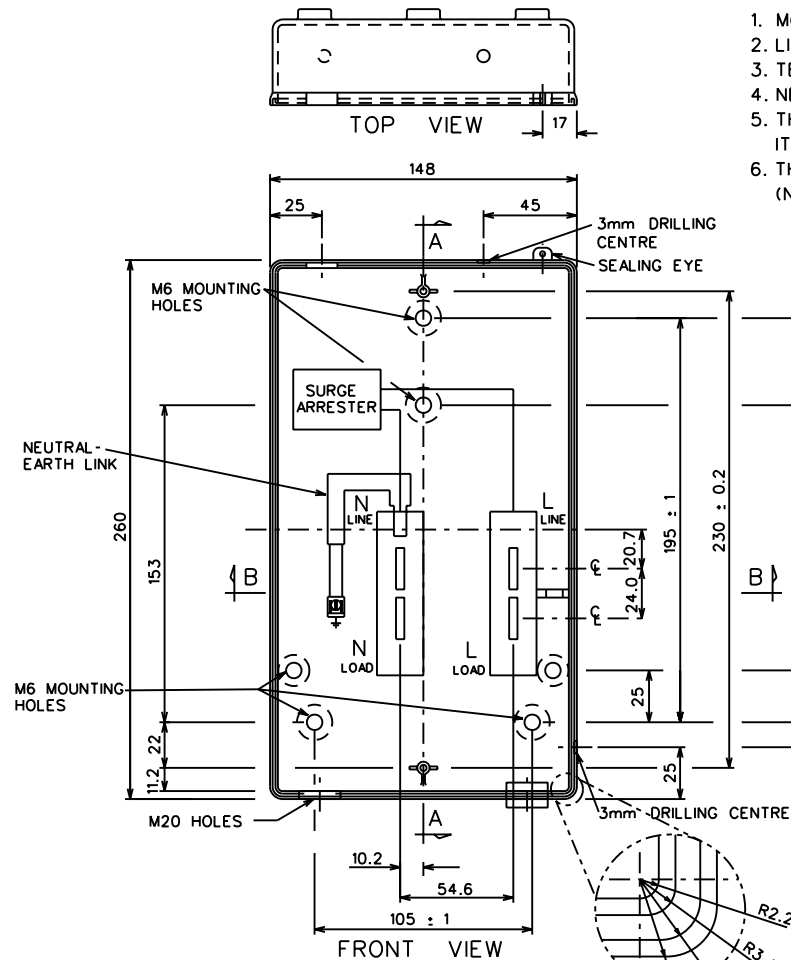



NOTE :

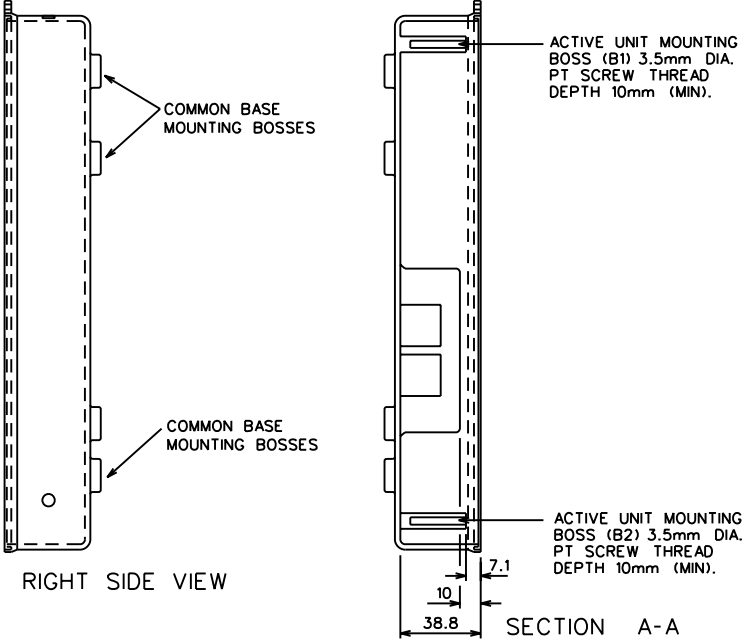
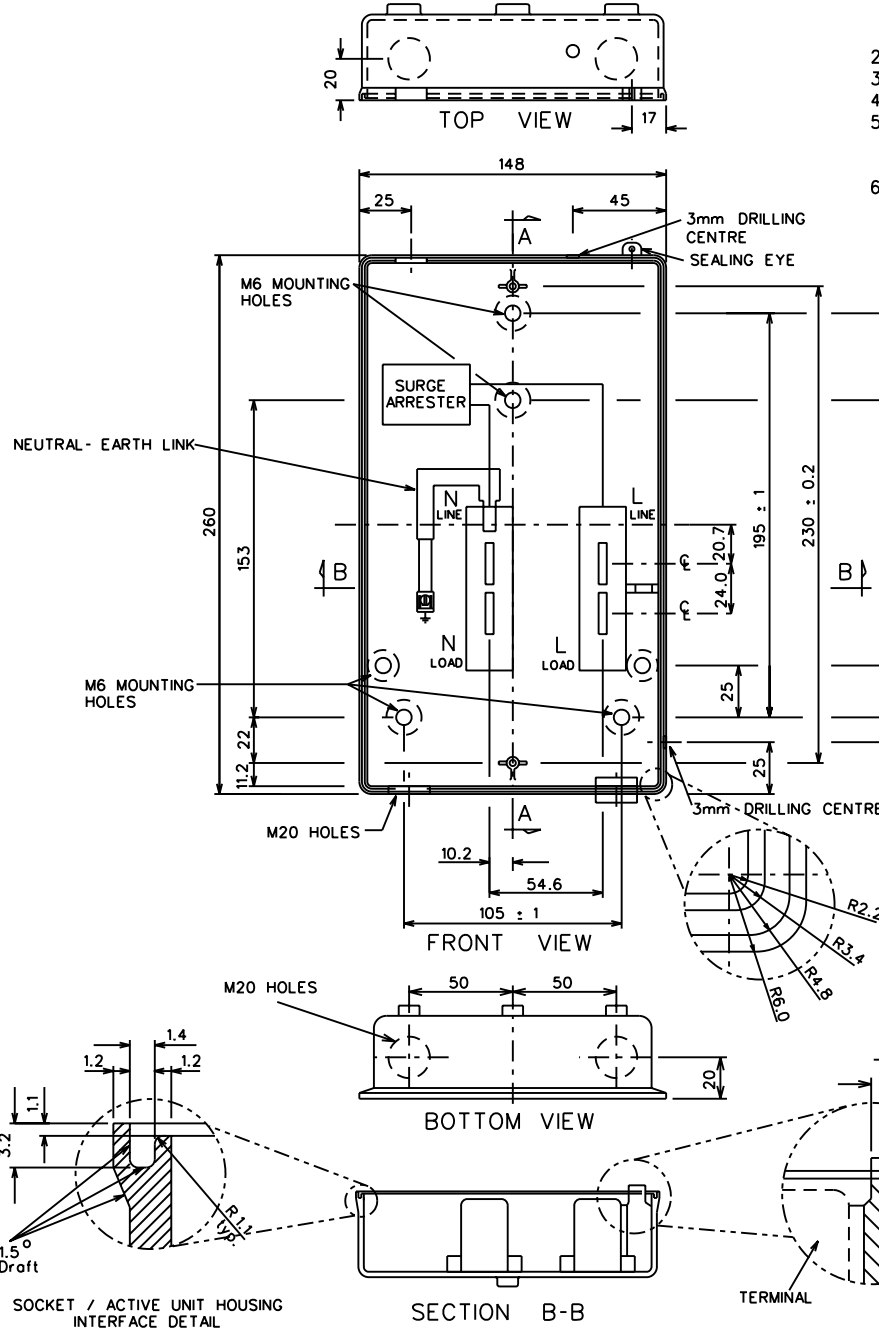
1. M6 MOUNTING HOLES IN COMMON BASE MOUNTING BOSSES SHALL BE LEFT UNDRILLED.
2. LIVE, NEUTRAL AND EARTH TERMINAL IDENTIFICATION SHOULD BE CLEARLY EMBOSSED IN COMMON BASE.
3. TERMINATIONS WITHIN SOCKET ARE TO BE VIA CAGE CLAMPS.
4. NEUTRAL - EARTH LINK IS MANDATORY.
5. THE COMMON BASE ACCOMMODATES A STANDARD PREPAYMENT METER (ED OR ECU). IT IS NECESSARY TO BREAK THE TAB TO INSERT AN ED.
6. THE COMMON BASE SHALL BE SUPPLIED WITH THE DRILLING CENTRES AS INDICATED (NO MOUNTING HOLES OR CABLE ENTRY HOLES ARE TO BE DRILLED BY THE MANUFACTURER).



3	M6 MOUNTING HOLES DIMENSION CORRECTED	P.A.V.	J. MAUDU	J. MAUDU	01.02.06	
2	M6 MOUNTING HOLES ADDED AND PUNCH-OUT HOLES REPLACED WITH M20 HOLES	P.A.V.	J. MAUDU	J. MAUDU	07.09.05	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
		ESKOM				
AUTH: G. WHYTE		COMMON BASE DETAIL (FOR NEW ED INSTALLATIONS AND ALL MAINTENANCE)				
DATE: 14/11/2002						
CHKD: T. GILLARD						
DATE: 14/11/2002		D-DT-1017		SET	SHEET	REVISION
DRAWN: P.A. VERMAAK				8	1	3
DATE: 27/08/2002						

NOTE :

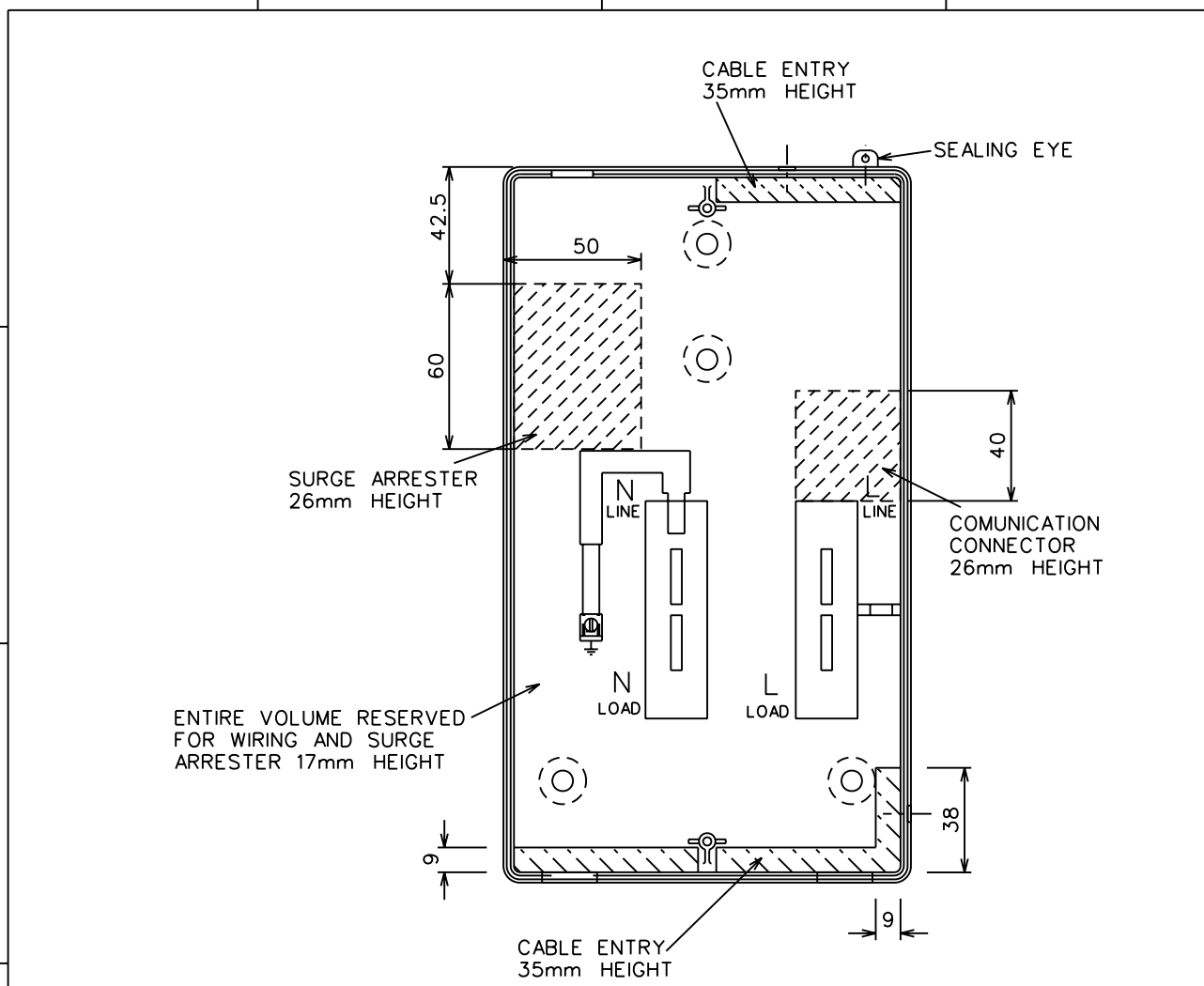
1. M6 MOUNTING HOLES IN COMMON BASE MOUNTING BOSSES SHALL BE DRILLED BY MANUFACTURER. (3 PLACES). THE TOP HOLE TO BE DRILLED SHALL BE EITHER 153mm OR 195mm ABOVE THE LOWER MOUNTING HOLES. 153mm SPACING SHALL BE USED WHEN THE COMMON BASE IS SUPPLIED TOGETHER WITH A WALL OUTLET BOX ON RAILS (SPU ON RAILS) (SEE SHEET 8). A 195mm SPACING SHALL BE USED WHEN THE COMMON BASE IS SUPPLIED WITH A WALL OUTLET BOX WHEN NO RAILS ARE USED (SPU WITHOUT RAILS) (SEE SHEET 7).
2. LIVE, NEUTRAL AND EARTH TERMINAL IDENTIFICATION SHOULD BE CLEARLY EMBOSSED IN COMMON BASE.
3. TERMINATIONS WITHIN SOCKET ARE TO BE VIA CAGE CLAMPS.
4. NEUTRAL - EARTH LINK IS MANDATORY.
5. THE COMMON BASE ACCOMMODATES A STANDARD PREPAYMENT METER (ED OR ECU). IT IS NECESSARY TO BREAK THE TAB TO INSERT AN ED. ONLY AN ECU SHALL BE USED IN A COMMON BASE THAT IS PART OF AN SPU (AS SHOWN IN SHEETS 7 AND 8)
6. THE COMMON BASE SHALL BE SUPPLIED WITH TWO M20 HOLES DRILLED IN THE BASE AS SHOWN. NO FURTHER MOUNTING HOLES OR CABLE ENTRY HOLES SHALL BE DRILLED ON SITE. DRILLING CENTRES ARE FOR STANDARDISATION OF MANUFACTURING.




3	M6 MOUNTING HOLES DIMENSION CORRECTED	P.A.V.	J. MAUDU	J. MAUDU	01.02.06	
2	M6 MOUNTING HOLES ADDED AND PUNCH-OUT HOLES REPLACED WITH M20 HOLES	P.A.V.	J. MAUDU	J. MAUDU	07.09.05	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
ESKOM						
COMMON BASE DETAIL (FOR NEW ECU INSTALLATIONS AS PART OF SPU)						
AUTH: G. WHYTE		DATE: 14/11/2002		SET	SHEET	REVISION
CHKD: T. GILLARD		DATE: 14/11/2002		8	2	3
DRAWN: P.A. VERMAAK		DATE: 27/08/2002		D-DT-1017		

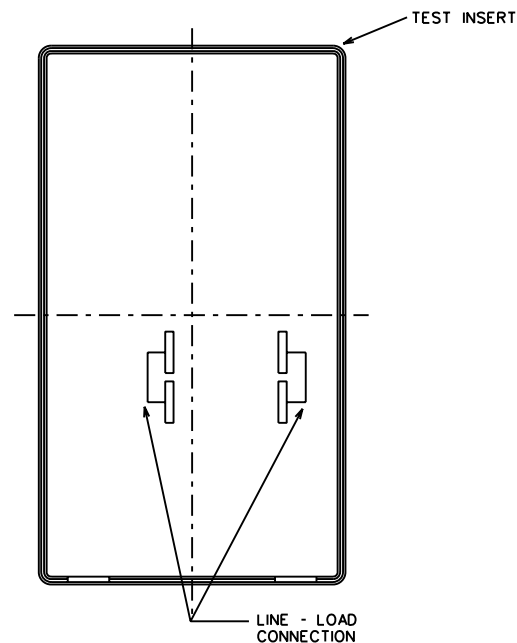
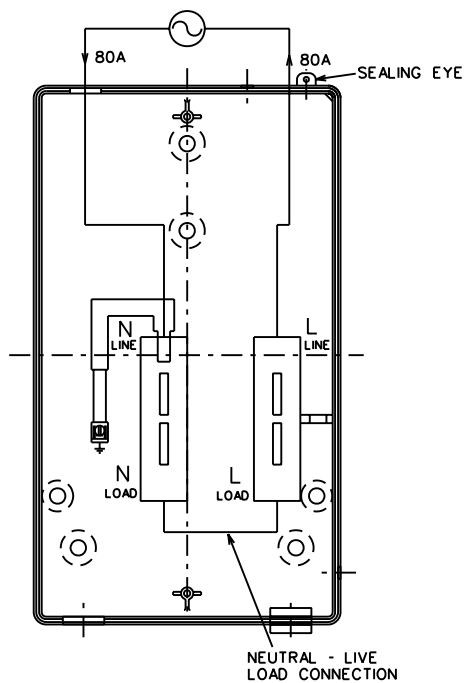


D-DT-1017

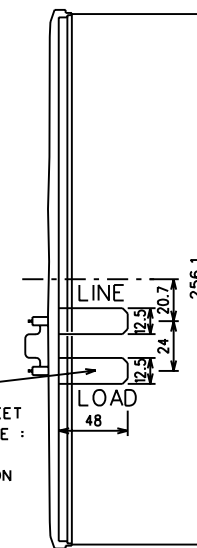


FRONT VIEW

		ENTIRE VOLUME RESERVED FOR WIRING AND SURGE ARRESTER 17mm HEIGHT				
		CABLE ENTRY 35mm HEIGHT				
		SURGE ARRESTER/COMMUNICATION CONNECTOR 26mm HEIGHT				
3	M6 MOUNTING HOLES DIMENSION CORRECTED	P.A.V.	J. MAUDU	J. MAUDU	01.02.06	
2	M6 MOUNTING HOLES ADDED AND PUNCH-OUT HOLES REPLACED WITH M20 HOLES	P.A.V.	J. MAUDU	J. MAUDU	07.09.05	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
		ESKOM				
AUTH: G. WHYTE		STANDARD ELECTRICITY DISPENSER SOCKET RESERVED VOLUMES				
DATE: 14/11/2002						
CHKD: T. GILLARD						
DATE: 14/11/2002		D-DT-1017		SET	SHEET	REVISION
DRAWN: P.A. VERMAAK				8	4	3
DATE: 27/08/2002						




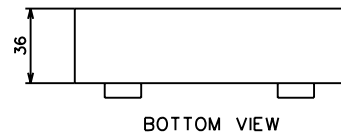
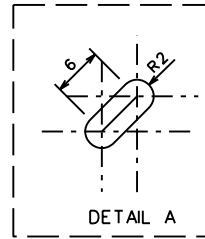
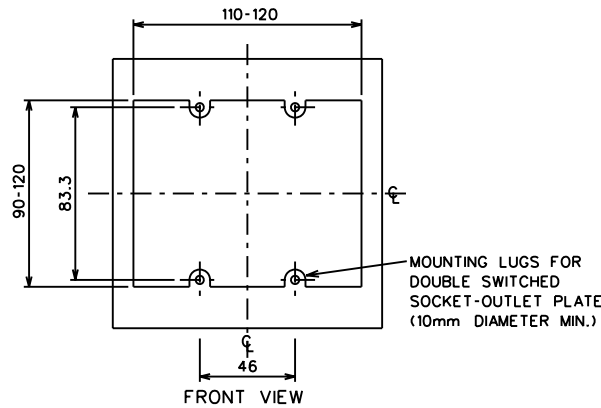
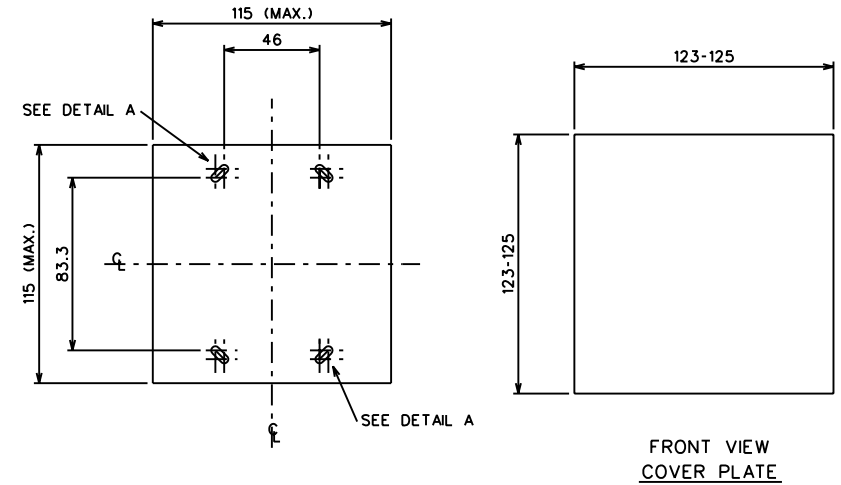
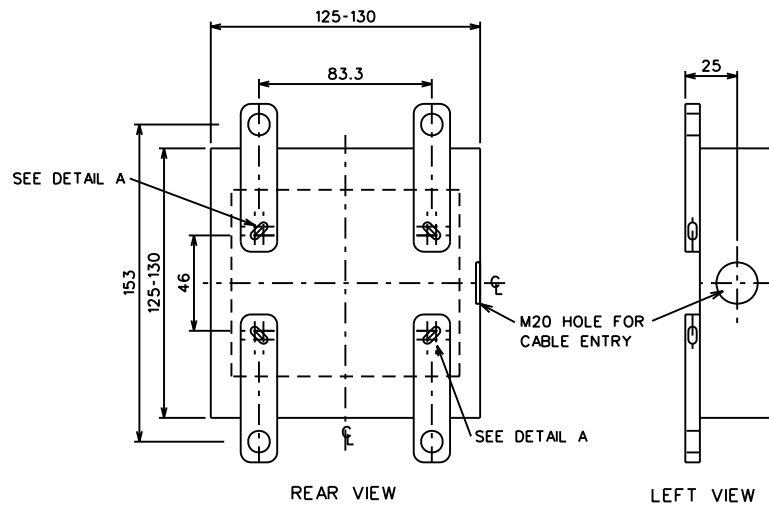
BUSBAR INTERFACE
 MATERIAL : 2mm COPPER SHEET
 CONNECTOR BLADE TOLERANCE :
 : 1mm
 FINISH : TIN PLATE 3-7 MICRON
 Ref Spec BS1874



NOTE :

1. "LIVE LOAD" AND "NEUTRAL LOAD" TERMINALS IN COMMON BASE CONNECTED TOGETHER.
2. "LIVE LINE" AND "LIVE LOAD" TERMINALS IN TEST INSERT CONNECTED TOGETHER.
3. "NEUTRAL LINE" AND "NEUTRAL LOAD" TERMINALS IN TEST INSERT CONNECTED TOGETHER.


3	M6 MOUNTING HOLES DIMENSION CORRECTED	P.A.V.	J. MAUDU	J. MAUDU	01.02.06	
2	M6 MOUNTING HOLES ADDED AND PUNCH-OUT HOLES REPLACED WITH M20 HOLES	P.A.V.	J. MAUDU	J. MAUDU	07.09.05	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
<div></div>		ESKOM				
AUTH: G. WHYTE		COMMON BASE CURRENT TEST SETUP				
DATE: 14/11/2002						
CHKD: T. GILLARD						
DATE: 14/11/2002		D-DT-1017		SET	SHEET	REVISION
DRAWN: P.A. VERMAAK				8	5	3
DATE: 27/08/2002						

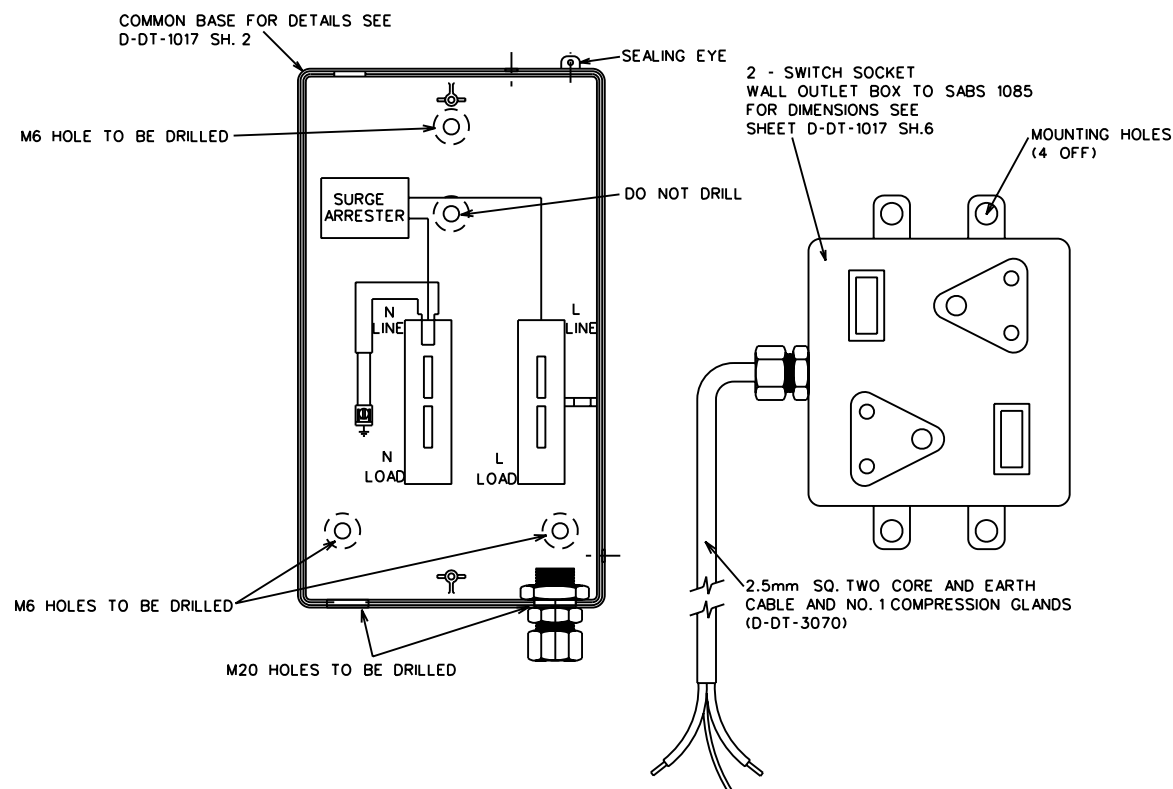


WALL OUTLET BOX

NOTE :


1. THE WALL OUTLET BOX SHALL COMPLY TO SABS 1085.
2. THE ARRANGEMENT OF THE MOUNTING LUGS SHALL COMPLY WITH THOSE SPECIFIED FOR A 105.5 x 105.5mm FLUSH MOUNTING WALL OUTLET BOX IN SABS 1085.
3. THE WALL OUTLET BOX SHALL BE CONSTRUCTED SUCH THAT ANY OFF THE SHELF DOUBLE SWITCHED SOCKET OUTLET PLATE AND COVER PLATE SET FOR 105.5 x 105.5mm FLUSH MOUNT WALL OUTLET BOXES TO SABS 1085 MAY BE FITTED. THERE SHALL BE NO GAPS BETWEEN THE COVER PLATE AND THE WALL OUTLET BOX.
4. IF THE HOLE THROUGH THE TOP SURFACE OF THE WALL OUTLET BOX IS SMALLER THAN 116 x 116mm THEN THE DOUBLE SWITCHED SOCKET OUTLET PLATE WILL REST ON THE TOP SURFACE, NOT DIRECTLY ON THE LUGS. IN THIS CASE THE TOP SURFACE SHALL HAVE LUGS ON WHICH TO MOUNT THE SOCKET OUTLET PLATE SO THAT IT IS ON THE SAME LEVEL AS THE TOP SURFACE. (AS SHOWN ON THE WALL OUTLET BOX FRONT VIEW)

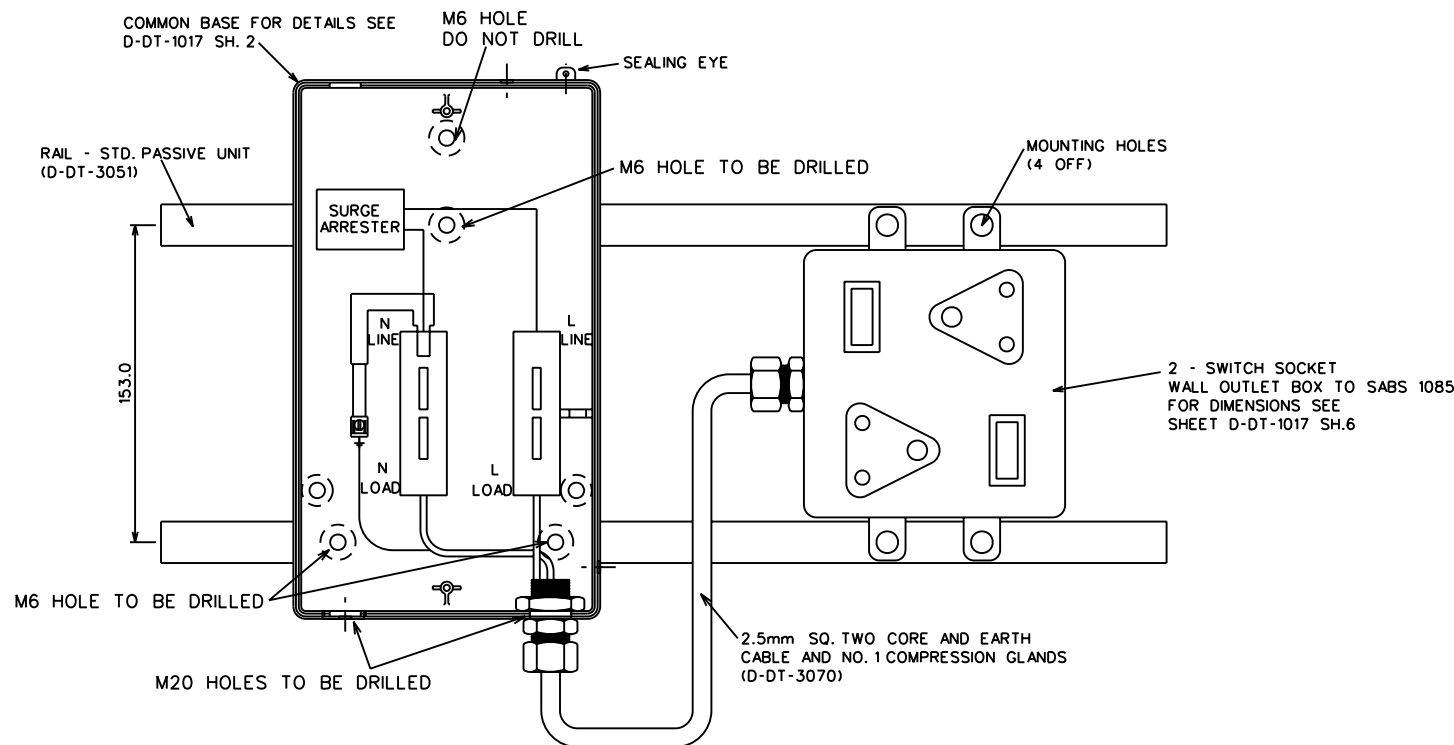
3	M6 MOUNTING HOLES DIMENSION CORRECTED	P.A.V.	J. MAUDU	J. MAUDU	01.02.06	
2	M6 MOUNTING HOLES ADDED AND PUNCH-OUT HOLES REPLACED WITH M20 HOLES	P.A.V.	J. MAUDU	J. MAUDU	07.09.05	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
<div><div> Eskom Distribution</div><div>WALL OUTLET BOX DIMENSION AND MOUNTING REQUIREMENTS</div></div>		ESKOM				
AUTH:	G. WHYTE	<div>D-DT-1017</div> <div>SET: 8 SHEET: 6 REVISION: 3</div>				
DATE:	14/11/2002					
CHKD:	T. GILLARD					
DATE:	14/11/2002					
DRAWN:	P.A. VERMAAK					
DATE:	27/08/2002					



NOTE :


1. THE SPU WITHOUT RAILS CONSISTS OF A COMMON BASE (SHEET 2) AND A WALL OUTLET BOX (SHEET 6)
2. SPU WITHOUT RAILS SUPPLIED WITH 1000mm OF 2.5mm SQ. TWO CORE AND EARTH CABLE. THE CABLE SHALL BE TERMINATED ON THE WALL OUTLET BOX. THE OTHER END SHALL BE LOOSE BUT SHALL BE FULLY PREPARED FOR TERMINATION ONTO THE COMMON BASE.
3. THE COMMON BASE SHALL BE SUPPLIED WITH A NO.1 COMPRESSION GLAND FITTED IN THE M20 HOLE FOR THE CABLE TO THE WALL OUTLET BOX (AS SHOWN).
4. NO ABRIDGED CERTIFICATE OF COMPLIANCE (COC) SHALL BE SUPPLIED.
5. THE COMMON BASE SHALL BE SUPPLIED WITH A M20 HOLE FOR THE NO.1 COMPRESSION GLAND FOR THE SUPPLY CABLE DRILLED.
6. THE COMMON BASE SHALL BE SUPPLIED WITH M6 MOUNTING HOLES DRILLED AS INDICATED.

3	M6 MOUNTING HOLES DIMENSION CORRECTED	P.A.V.	J. MAUDU	J. MAUDU	01.02.06	
2	M6 MOUNTING HOLES ADDED AND PUNCH-OUT HOLES REPLACED WITH M20 HOLES	P.A.V.	J. MAUDU	J. MAUDU	07.09.05	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
		ESKOM				
AUTH: G. WHYTE		STANDARD PASSIVE UNIT (SPU) (WITHOUT RAILS)				
DATE: 14/11/2002						
CHKD: T. GILLARD						
DATE: 14/11/2002		D-DT-1017		SET	SHEET	REVISION
DRAWN: P.A. VERMAAK				8	7	3
DATE: 27/08/2002						



NOTE :

1. THE SPU WITHOUT RAILS CONSISTS OF A COMMON BASE (SHEET 2) AND A WALL OUTLET BOX (SHEET 6) MOUNTED ON RAILS (D-DT-3051)
2. SPU WITH RAILS SUPPLIED WITH ENOUGH 2.5mm SQ. TWO CORE AND EARTH CABLE TO CONNECT THE WALL OUTLET BOX TO THE COMMON BASE.
3. THE SPU WITH RAILS SHALL BE SUPPLIED WITH THE CABLE BETWEEN THE WALL OUTLET BOX AND THE COMMON BASE TERMINATED ON BOTH ENDS, USING NO. 1 COMPRESSION GLANDS
4. AN ABRIDGED CERTIFICATE OF COMPLIANCE (COC) SHALL BE SUPPLIED BY THE MANUFACTURED IN TRIPLICATE.
5. THE COMMON BASE SHALL BE SUPPLIED WITH A M20 HOLE FOR THE NO. 1 COMPRESSION GLAND FOR THE SUPPLY CABLE DRILLED.
6. THE COMMON BASE SHALL BE SUPPLIED WITH M6 MOUNTING HOLES DRILLED AS INDICATED.

3	M6 MOUNTING HOLES DIMENSION CORRECTED	P.A.V.	J. MAUDU	J. MAUDU	01.02.06	
2	M6 MOUNTING HOLES ADDED AND PUNCH-OUT HOLES REPLACED WITH M20 HOLES	P.A.V.	J. MAUDU	J. MAUDU	07.09.05	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
<div></div>		ESKOM				
AUTH: G. WHYTE		COMMON BASE CURRENT TEST SETUP				
DATE: 14/11/2002						
CHKD: T. GILLARD						
DATE: 14/11/2002		D-DT-1017		SET	SHEET	REVISION
DRAWN: P.A. VERMAAK				8	8	3
DATE: 27/08/2002						