

BUSBAR SIDE

LINE/TRANSFORMER SIDE

- NOTES
- MB(CT)= CIRCUIT-BREAKER MECHANISM BOX CURRENT TRANSFORMER TERMINAL.
 - CURRENT TRANSFORMERS ARE SPECIFIED TO IEC 61869-2
 - CIRCUIT-BREAKERS ARE TO BE DELIVERED WITH CURRENT TRANSFORMER CIRCUITS SHORTED AND EARTHED (i.e. CONNECTED TO THE CIRCUIT-BREAKER EARTHING STUD) AS INDICATED.

SPECIFICATION OF MEASUREMENT CTs

TAPPING	RATIO	CLASS	BURDEN
S1 - S2	200/1	0,5	5 VA
S2 - S3	400/1	0,2	10 VA
S1 - S3	600/1	0,2	10 VA
S1 - S4	800/1	0,2	10 VA

SPECIFICATION OF PROTECTIVE CTs
(TO BE TESTED ON 1/400 TURNS RATIO)

TAPPING	RATIO	CLASS	MIN V _k	MAX I _e	MAX R _s at 75 °C
S1 - S2	1/200T	PX	83,3 V	300 mA	1 Ohm
S2 - S3	1/400T	PX	167 V	150 mA	2 Ohms
S1 - S3	1/600T	PX	250 V	100 mA	3 Ohms
S1 - S4	1/800T	PX	333 V	75 mA	4 Ohms

6	OUTDOOR BREAKER WIRING COMBO APPLICATION CT's		MG	HS	SvZ	/07/2019		
5	ALL "INDOOR APPLICATION" SHEETS MOVED TO D-DT-5408. COMBINED SHEETS 187. PROT CTs CHANGED TO CLASS PX. CT CORE SPECS ADDED. CT CORE 384 TERM NO'S UPDATED.		SvZ	RK	SvZ	30/07/2010		
4	-		-	-	-	-		
3	-		-	-	-	-		
2	TERMINAL NUMBERS REVISED.		VvZ	PAG	SvZ	01/06/2005		
1	PROT CTs CHANGED FROM CLASS X TO TPS.		VvZ	PAG	PAG	19/02/2003		
0	DRAWING NO. CHANGED FROM D-DT-5046.		VvZ	PAG	PAG	19/02/2003		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS	

		COMBO OUTDOOR APPLICATION 1600A BRKR 33kV MR800/1 CT SPEC & WIRING				
PROJECT APPROVED - P.A. GERBER DATE 19/02/03 DESIGN APPROVED P.A. GERBER DATE 19/02/03 DESIGN CHECKED P.A. GERBER DATE 19/02/03 RE-DRAWN BY S.J. van ZYL DATE 31/03/10		D-DT-5407		SET NUMBER 12	SHEET NUMBER 9	REVISION 6
SCALE NOT TO SCALE						