

 Chief Engineer (Project)
 PGVCL, Corp. Office
 Rajkot

20	MOVING MECHANISAM	1	-	M.S.	HOTDIP GALV.
19	OPERATING PIPE	1	NB DIA Ø1" X 6000	GALV. PIPE	'B' CLASS
18	EARTHING TERMINAL	3	3/8" BOLT	-	ELETE GALV.
17	MOUNTING HOLE (115MM C.D.)	6	Ø18MM HOLE	-	-
16	11 KV POLYMERIC POST INSU.	6	320MM C.D.	POLYMERIC	-
15	TERMINAL CONNECTOR	6	-	AL. CASTING	-
14	OPERATING HANDLE	1	-	M.S.	HOTDIP GALV.
13	BEARING BUSH	6	-	BRASS	-
12	PHASE CONNECTING SHAFT	1	25X25 Sq.	M.S. Pipe	ELETE GALV.
11	SPRING	6	-	-	ELETE GALV.
10	FEMALE SUPPORT	6	Fabricated	M.S.	HOTDIP GALV.
9	ANGULAR BASE FOR FEMALE	3	-	M.S.	HOTDIP GALV.
8	FIXED FEMALE CONTACT	6	35X3MM	EC COPPER	SILVER PLATE
7	FEMALE CONTACT BASE	3	-	G.M.CASTING	TIN PLATED
6	MALE CONTACT BASE	3	-	G.M.CASTING	TIN PLATED
5	TILTING BASE	3	AS PER DWG.	CAST IRON	ELETE GALV.
4	MOVING MALE CONTACT	3	35X6MM	EC COPPER	SILVER PLATED
3	BEARING PLATE	6	-	M.S.	HOTDIP GALV.
2	ARCING HORN	6	M 10 THREAD	M.S. ROD	HOTDIP GALV.
1	MOUNTING BASE CHANNEL	3	75X40 channel	M.S.	HOTDIP GALV.
No.	PART NAME	QTY.	SIZE	MATERIAL	REMARKS

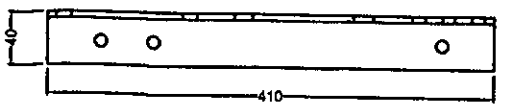

PASCHIM GUJARAT VIJ COMPANY LTD.

TITLE : GA DRG. OF 11KV 400A, POLYMERIC AIR BREAK (AB) SWITCH

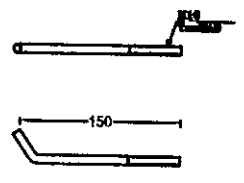
DRG. NO. : PGVCL/11KV POLYMERIC AB SWITCH/11	SHEET : 1 OF 2 DATE : 17.04.17	SCALE : 1 : 1 REVISION : -
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NOTES :

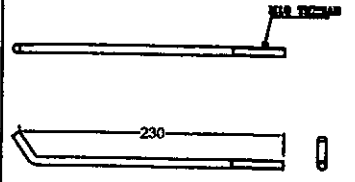
1. ALL DIMENSIONS ARE IN MM.
2. IN DIMS. TOLERANCE SHALL BE +/- 5%, MIN. 1 MM. UP 40 MM
3. IN DIMS. TOLERANCE SHALL BE +/- 3%, MIN. 1 MM. ABOVE 40 MM
4. ONLY POSITIVE TOLERANCE SHALL BE ALLOW FOR CURRENT CARRYING PARTS.



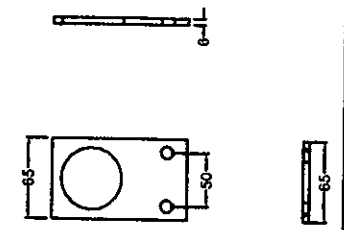
① MOUNTING BASE CHANNEL



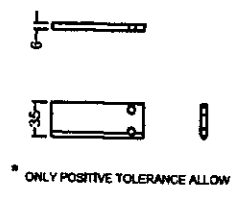
② ARCHING HORN (MALE SIDE)



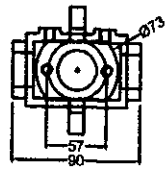
③ ARCHING HORN (FEMALE SIDE)



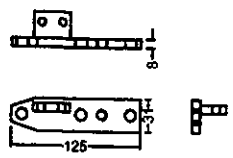
④ BEARING PLATE



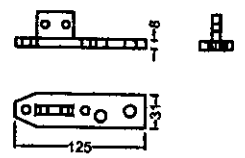
⑤ MOVING MALE CONTACT



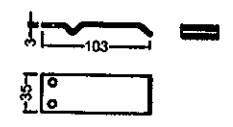
⑥ TILTING BASE



⑦ MALE CONTACT BASE



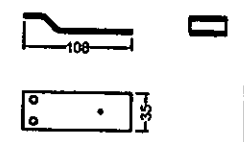
⑧ FEMALE CONTACT BASE



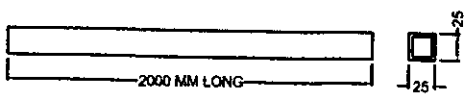
⑨ FIXED FEMALE CONTACT



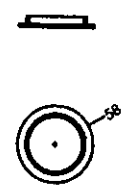
⑩ ANGULAR BASE FOR FEMALE



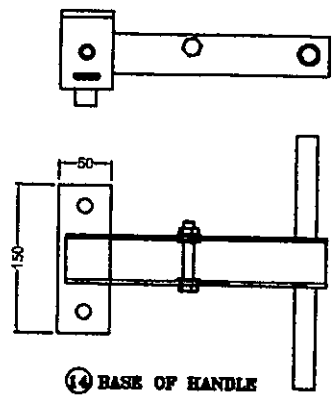
⑪ FEMALE CONTACT GUARD



⑫ PHASE CONNECTING SHAFT

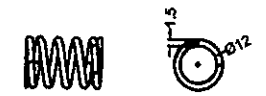


⑬ BEARING BUSH



⑭ BASE OF HANDLE


THE DESIGN OF OPERATING HANDLE SHALL BE SUITABLE FOR 11 KV AB SWITCH.



⑮ SPRING

- NOTES :**
1. ALL DIMENSIONS ARE IN MM.
 2. IN DIMS. TOLERANCE SHALL BE $\pm 5\%$, MIN. 1 MM. UP 40 MM
 3. IN DIMS. TOLERANCE SHALL BE $\pm 3\%$, MIN. 1 MM. ABOVE 40 MM
 4. *** ONLY POSITIVE TOLERANCE SHALL BE ALLOW FOR CURRENT CARRYING PARTS.

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TITLE : PARTS DRG. OF 11KV 400A, POLYMERIC AIR BREAK (AB) SWITCH		
DRG. NO. : PGVCL/11KV POLYMERIC AB SWITCH/11	SHEET : 2 OF 2	SCALE : 1 : 1
	DATE : 17.04.17	REVISION : -