

PART LIST			
NO	DESCRIPTION	MATERIAL	FINISH
1	HV. Terminal	Copper ETP	Nickel plated
2	Conservator	Aluminum alloy fabricated	Powder coated
3	Oil sight glass	Polycarbonate	
4	Upper insulator	Porcelain	Brown
5	Mounting flange	Aluminum alloy fabricated	Powder coated
6	Bottom insulator	Epoxy	Brown
9	Center conductor	Copper ETP	Nickel plated
10	Condenser core	O.I.P.	
11	Rating plate	Aluminum	
12	Oil filling plug	SS	
13	Test tap	Aluminum	Anodized
14	Extension Pipe	Aluminum alloy	Anodized
16	Bottom terminal	Copper ETP	Nickel plated

TECHNICAL DATA

1	Type	Stem type (OIP condenser)
2	Rated voltage.. L-L	52 KV
3	Working voltage.. L-E	30 KV
4	Rated current	2000 Amps
5	AC 1 min. test voltage (Dry)	105 KV
6	AC 1 min. test voltage (Wet)	95 KV
7	Lightning impulse	250 KVP
8	Total creepage length	1300 mm
9	Max. mounting angle	30° Max from vertical
10	Angle during storage	10°
11	Standard	IEC 60137
12	Cantilever withstand	2000 Newton
13	Short time current	50 KA for 2 Sec.
14	Approx weight	82 kg.
15	Oil quantity	5 Ltrs

Rev1: Changed title block, modify technical details, Charged conservator & test tap design.

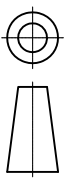
Note: Tolerance for Upper and Lower Insulators shall be as per IEC 62155.

±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000

1
2
3
4
5
6

TOLERANCE UNLESS OTHERWISE SPECIFIED

All dimension are in mm.



SCALE :- 1:1

YASH
HIGH VOLTAGE

GUJARAT, INDIA.

CUST : ALSTOM

CODE : YCDBS00000003

52KV 2000A (100 BCT)
Condenser Bushing

DRN Darshan

CHK -

APPD DZ

DATE 17-12-2014

DRG NO : CBT0522000A

REV.1