



PART LIST			
NO	DESCRIPTION	MATERIAL	FINISH
1	HV. Terminal	Copper ETP	Nickel plated
2	Conservator	Aluminum alloy casting	Powder coated
3	Oil sight glass	Polycarbonate	
4	Upper insulator	Porcelain	Brown
5	Mounting flange	Aluminum alloy casting	Powder coated
6	Bottom Insulator	Epoxy	Brown
7	Electrode	Aluminum alloy	Powder coated
8	Arching horn	MS HDG	
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	145 kV
3	Working voltage.. L-E	84 kV
4	Rated current	2000 Amps
5	AC 1 min. test voltage (Dry)	305 kV
6	AC 1 min. test voltage (Wet)	275 kV
7	Lighting impulse	650 kVp
8	Total creepage length	3625 mm
9	Max. mounting angle	30° Max from vertical
10	Angle during storage	10°
11	Standard	IEC 60137
12	Cartleiver withstand	2000 Newton
13	Short time current	50 kA for 1 Sec.
14	Approx weight	168 kg.
15	Oil quantity	12 Ltrs

DRN	Darshan
CHK	-
APPD	DZ
DATE	15-12-2014
CUST :	YASH HIGH VOLTAGE GUJARAT, INDIA.
CODE :	YCDBS0000215

SCALE :-	1:1
DRG NO :	CBS1452000B01
REV. 0	

145kV 2000A (300 BCT) Condenser Bushing
--

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

TOLEANCE UNLESS OTHERWISE SPECIFIED

All dimension are in mm.