



Rev1: Changed title block, added M12 earthing holes & technical data.

Note: Tolerance for Upper and Lower Insulators shall be as per IS 5621: 1980

±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

TOLERANCE UNLESS OTHERWISE SPECIFIED

All dimension are in mm.

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 pipe	Aluminum alloy	
10	Condenser core	O.I.P.	
11	Rating plate	Aluminum	
12	Oil filling plug	SS	
13	Test tap	Aluminum	Anodized
15	Air release plug	Brass	Nickel plated
16	Thimble	Copper ETP	Nickel plated

TECHNICAL DATA		
1	Type	Draw lead type (OIP condenser)
2	Rated voltage.. L-L	72.5 kV
3	Working voltage.. L-E	42 kV
4	Rated current	400 Amps
5	AC I min. test voltage wet	140 kV
6	AC I min. test voltage dry	155 kV
6	Lightning Impulse	350 kVp
7	Total creepage length	1810 mm
8	Max. mounting angle	30° Max from vertical
9	Angle during storage	10°
10	Standard	IEC 60137
11	Cantilever withstand	1000 Newton
12	Short time current	25 kA for 3 Sec.
13	Approx weight	51 kg.
14	Oil quantity	4.5 Ltrs

DRN	Darshan	CUST :	72.5KV 400A (0 BCT) Condenser Bushing
CHK	-	CODE :	YCDBS0000148
APPD	DZ	DATE	12-09-2014
SCALE :-	1:1	DRG NO :	CBLO730400N