



P/NO	DESCRIPTION	QTY	MATERIAL	FINISH
1	Air end terminal	4	Aluminum alloy	Nickel plated
2	Lifting EYE	1	MS HDG	
3	Oil filling plug	1	Brass	
4	Upper Insulator	1	Porcelain	
5	Mounting Flange	1	Aluminum alloy	
6	Center Conductor	1	Aluminum alloy	
7	Lower Insulator	1	Porcelain	
8	Spring assembly	12	Steel EN47	
10	Bottom terminal	1	Aluminum alloy	Nickel plated
11	Test tap	1	Brass	Nickel plated
12	Condenser Core	1		OIP

TECHNICAL DATA	
Model	HCA-3612
Standard	IEC 60137
Rated Voltage	36 KV
Rated Current	12,500 Amps
Basic Insulation Level	170 KVP
1 min. AC test voltage	70 KV
Total creepage length	900 mm
Short time current	300 KA, 2 Sec.
Dynamic Current	400 KAP
Cartilever withstand	500 Kg

GENERAL	
Type	OIP condenser / Hermetically sealed
Mounting	30° Max from vertical
Total weight	130kg
Quantity oil	10ltr.
Terminal	Aluminum alloy
Finish of contact area	Nickel plated

PARTS					
± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2
0.5-6	6-30	30-120	120-400	400-1000	1000-2000
TOLERANCE UNLESS OTHERWISE SPECIFIED					

TECHNICAL DATA					
All dimension are in mm.					

GENERAL					
Type : OIP condenser / Hermetically sealed					
Mounting : 30° Max from vertical					
Total weight : 130kg					
Quantity oil : 10ltr.					
Terminal : Aluminum alloy					
Finish of contact area : Nickel plated					

GENERAL					
DRN	Darshan				
CHK	-				
APPD	DZ				
DATE	12-11-2014				
CUST:		YASH HIGH VOLTAGE GUJARAT, INDIA.			
		CODE : YHCBS0000008			
		36 KV, 12,500 A. Bushing			
		DRG NO : HCA036125100			
		REV. 7			

Rev7: Changed title block, removed Oil drain plug.

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