



PARTS				
NO	DESCRIPTION	QTY	MATERIAL	FINISH
1	Air end terminal	2	Aluminum alloy	Nickel plated
2	Oil filling plug	1	SS	
3	Gasket	2	Viton	
4	Upper insulator	1	Porcelain	
5	Mounting flange	1	Aluminum alloy	Powder coated
6	Center conductor	1	Aluminum alloy	
7	Lower insulator	1	Porcelain	
8	Spring assembly	6	Steel EN47	
10	Bottom terminal		Aluminum alloy	Nickel plated
11	Condenser Core	1	OIP	
12	Test tap	1	Aluminum alloy	Anodized

TECHNICAL DATA		
Model	HCA-3605	
Standard	IEC 60137	
Rated voltage	36 kV	
Rated current	5,000 Amps	
Basic insulation level	170 kVp	
1 min. AC test voltage (Wet)	70 kV	
1 min. AC test voltage (Dry)	77 kV	
Total creepage length	900 mm	
Short time current	200 kA, 2 Sec.	
Cantilever withstand	3150 N	

GENERAL	
Type	OIP Condenser
Mounting	Vertical
Approx. wt	59 kg
Quantity oil	4.5 ltr.
Terminal	Aluminum alloy
Finish of contact area	Nickel plated

Rev2: Added Insulator tolerance note, modify technical data, Changed title block, changed M12 earthing hole was 1/4 BSP earthing hole.

Rev1: Added Test tap.

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

TOLERANCE UNLESS OTHERWISE SPECIFIED

PARTS	
1	Air end terminal
2	Oil filling plug
3	Gasket
4	Upper insulator
5	Mounting flange
6	Center conductor
7	Lower insulator
8	Spring assembly
10	Bottom terminal
11	Condenser Core
12	Test tap

TECHNICAL DATA	
Model	HCA-3605
Standard	IEC 60137
Rated voltage	36 kV
Rated current	5,000 Amps
Basic insulation level	170 kVp
1 min. AC test voltage (Wet)	70 kV
1 min. AC test voltage (Dry)	77 kV
Total creepage length	900 mm
Short time current	200 kA, 2 Sec.
Cantilever withstand	3150 N

GENERAL	
Type	OIP Condenser
Mounting	Vertical
Approx. wt	59 kg
Quantity oil	4.5 ltr.
Terminal	Aluminum alloy
Finish of contact area	Nickel plated

DRN	Darshan		GUJARAT, INDIA. 36kV 5000A High Current Bushing
CHK	-		
APPD	DZ		
DATE	22-11-2014		
CUST:		CODE: YHCBS0000089	
SCALE: 1:1		DRG NO: HCA036050100	REV. 2

Ref: HOA036050103