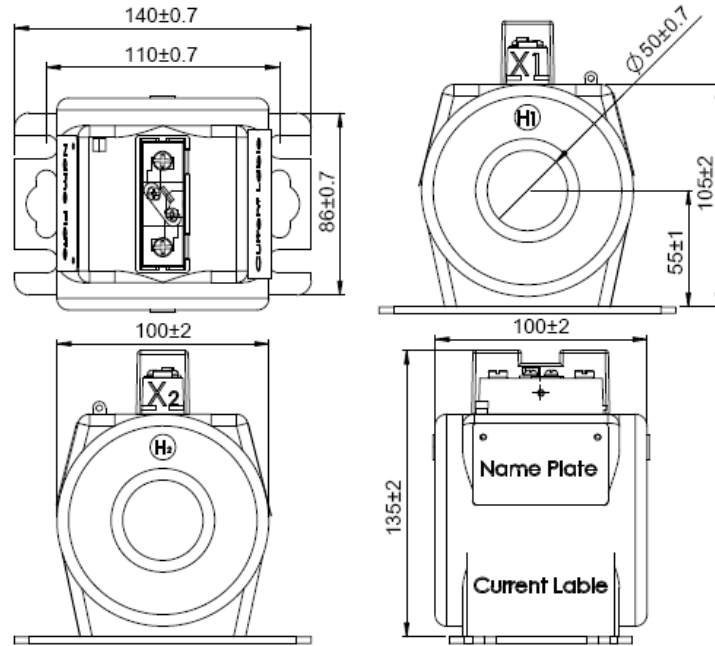


Description	Low Voltage Current Transformer (600A/5A)	Drawn Date	02/02/2012
Part No.	CT3620600T	Sample No.	9002

Mechanical Dimensions in mm



Test Circuit :

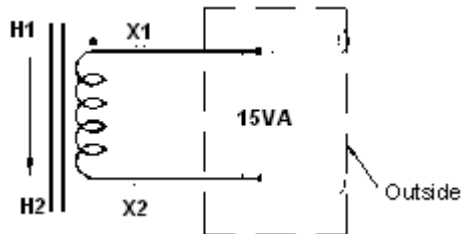


Photo :



Description	Low Voltage Current Transformer (600A/5A)	Drawn Date	02/02/2012
Part No.	CT3620600T	Sample No.	9002

Electrical Specifications :

Rated Primary Current(Amp.) 50/60Hz	600A
Max. Current (continuous) at 30°C ambient temperature	900A
Turns ratio	Np:Ns=1:120
Current Ratio	600A/5A
Accuracy @ 15VA 0.8PF	0.3S
Linearity @ $Z_L \leq 0.6\Omega$ 0.8PF	0.3%
Phase error at rated current range	$\leq 15.6'$
Operating Temperature Range	-40~55°C
Storage Temperature Range	-45~85°C
Dielectric Withstanding Voltage(Hi-pot)	4000V/1mA/1min
Insulation Resistance	DC500V/100M Ω min

Mechanical Specifications :

Window diameter	50mm
Main insulation	Molded in thermoplastic rubber
Compression type secondary terminal	Suite for #14~ #8.5 WIRE
Cover	Clear plastic
Approx Weight	2.58kgs

Description	Low Voltage Current Transformer (600A/5A)	Drawn Date	02/02/2012
Part No.	CT3620600T	Sample No.	9002

Measured Result :

Sample No.	10% In		100% In		150% In		
	ϵ %	$\bar{\delta}$ min	ϵ %	$\bar{\delta}$ min	ϵ %	$\bar{\delta}$ min	
Spec	max.	+0.6	+31.2	+0.3	+15.6	+0.3	+15.6
	min.	-0.6	-31.2	-0.3	-15.6	-0.3	-15.6
#1	0	5.57	0.055	2.66	0.067	2.00	
#2	-0.050	7.49	0.034	3.40	0.050	2.58	
#3	-0.050	6.02	0.053	2.81	0.067	2.07	
#4	0.022	4.81	0.072	2.35	0.085	1.75	
#5	0	5.89	0.054	2.83	0.067	2.12	
\bar{X}	-0.0156	5.956	0.0536	2.81	0.0672	2.104	
Max.	0.022	7.49	0.072	3.40	0.085	2.58	
Min.	-0.050	4.81	0.034	2.35	0.050	1.75	

Accuracy curve :

