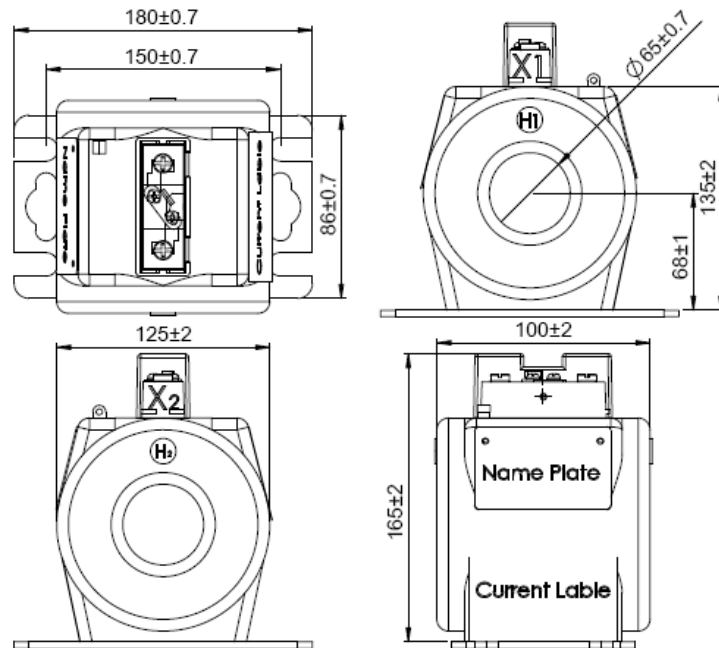


Description	Low Voltage Current Transformer (1000A/5A)	Drawn Date	02/02/2012
Part No.	CT3631000T	Sample No.	9004

Mechanical Dimensions in mm



Test Circuit :

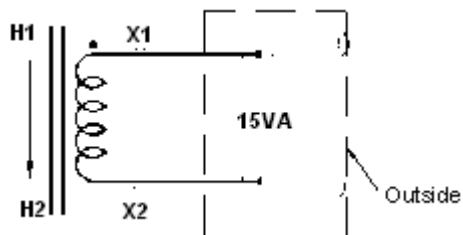


Photo :



Description	Low Voltage Current Transformer (1000A/5A)	Drawn Date	02/02/2012
Part No.	CT3631000T	Sample No.	9004

Electrical Specifications :

Rated Primary Current(Amp.) 50/60Hz	1000A
Max. Current (continuous) at 30°C ambient temperature	1200A
Turns ratio	Np:Ns=1:200
Current Ratio	1000A/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/100MΩ min

Mechanical Specifications :

Window diameter	65mm
Main insulation	Molded in thermoplastic rubber
Compression type secondary terminal	Suite for #16 WIRE
Cover	Clear plastic
Approx Weight	3.3kgs

Description	Low Voltage Current Transformer (1000A/5A)	Drawn Date	02/02/2012
Part No.	CT3631000T	Sample No.	9004

Measured Result :

Sample No.		10% In		100% In		120% In	
		ϵ %	δ min	ϵ %	δ min	ϵ %	δ 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		-0.138	4.32	-0.093	2.09	-0.090	1.93
#2		-0.139	4.37	-0.093	2.14	-0.090	1.95
#3		-0.149	4.58	-0.095	2.19	-0.092	1.99
#4		-0.146	4.50	-0.097	1.97	-0.094	1.79
#5		-0.135	4.26	-0.091	2.10	-0.088	1.93
$\bar{X}$		-0.1414	4.406	-0.0938	2.098	-0.0908	1.918
Max.		-0.135	4.58	-0.091	2.19	-0.088	1.99
Min.		-0.149	4.26	-0.097	1.97	-0.094	1.79

Accuracy curve :

