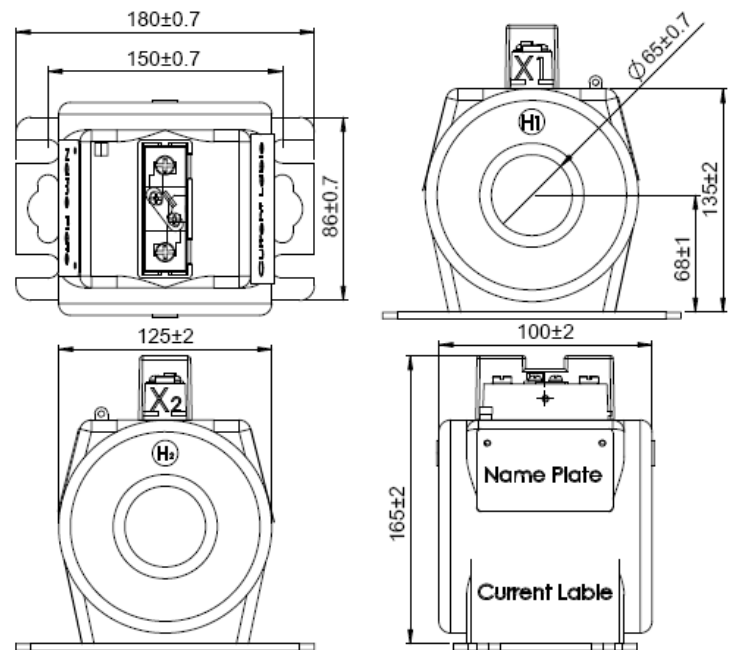


Description	Low Voltage Current Transformer (800A/5A)	Drawn Date	02/02/2012
Part No.	CT3630800T	Sample No.	9003

Mechanical Dimensions in mm



Test Circuit :

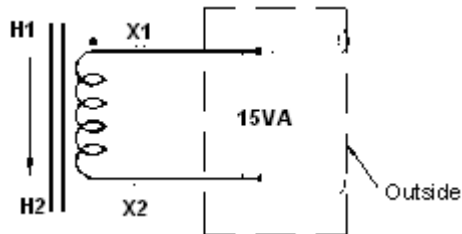


Photo :



Description	Low Voltage Current Transformer (800A/5A)	Drawn Date	02/02/2012
Part No.	CT3630800T	Sample No.	9003

Electrical Specifications :

Rated Primary Current(Amp.) 50/60Hz	800A
Max. Current (continuous) at 30°C ambient temperature	960A
Turns ratio	Np:Ns=1:160
Current Ratio	800A/5A
Accuracy @ 15VA 0.8PF	0.3S
Linearity @ $Z_L \leq 0.6\Omega$ 0.8PF	0.3%
Phase error at rated current range	$\leq 15'$
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	3.18kgs

Description	Low Voltage Current Transformer (800A/5A)	Drawn Date	02/02/2012
Part No.	CT3630800T	Sample No.	9003

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		-0.218	5.77	-0.140	2.64	-0.135	2.34
#2		-0.209	5.61	-0.139	2.60	-0.134	2.35
#3		-0.214	5.78	-0.141	2.70	-0.137	2.42
#4		-0.224	6.05	-0.144	2.86	-0.140	2.58
#5		-0.216	6.05	-0.144	2.85	-0.139	2.60
$\bar{X}$		-0.2162	5.852	-0.1416	2.730	-0.137	2.458
Max.		-0.209	6.05	-0.139	2.86	-0.134	2.60
Min.		-0.224	5.61	-0.144	2.60	-0.140	2.34

Accuracy curve :

