



Thousand Hundred Industrial CO.,LTD.

Customer Name	豐立	Date Of Issue :	10/23/20
Description	Split Core Transformer	Sample Quantity	
Customer Part No.	400A/5A	Customer DWG.No.	
T.H. Part No.	CT24A0400L02	T.H. Sample No.	4870B

ACKNOWLEDGMENT
SPECIFICATION FOR APPROVAL

Approved by	Checked by	Engineering	Drawn by
			Ruili Lin

CUSTOMER APPROVED

Approved by	Checked by	Acknowledged by



RoHS COMPLIANT

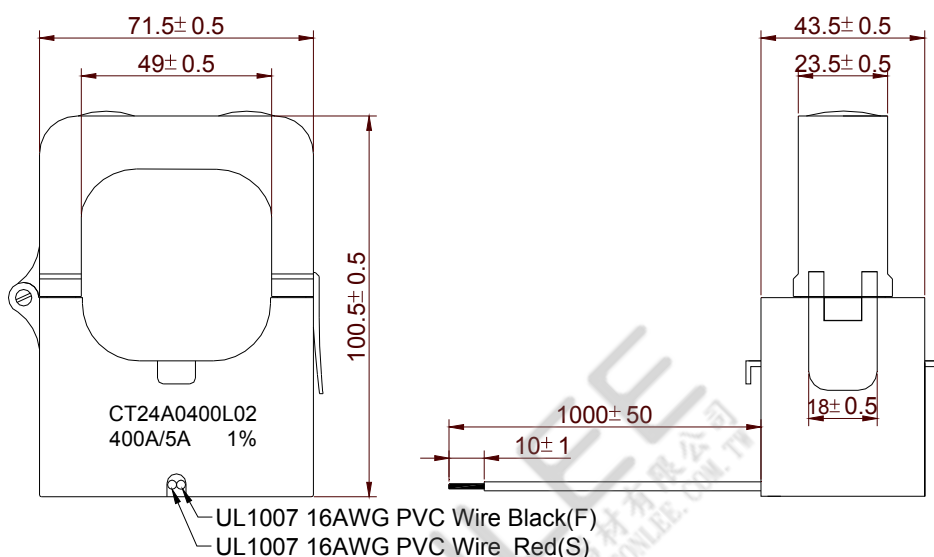
China: Tel : +86-769-83367090 Fax :+86-769-83367590 E-mail:dgth@thic.net www.thic.net	Taiwan: Tel : +886-3-5994440 Fax:+886-3-5902243 E-mail : fp@thic.net www.thic.net
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Mechanical Dimensions in mm



Front View

Right View

Bottom View

Test Circuit:

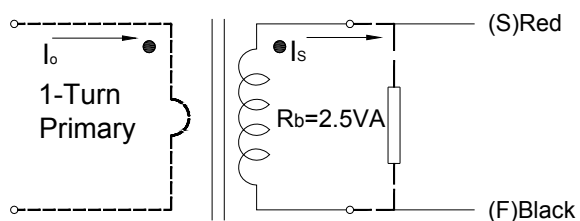


Photo:



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Electrical Specifications

Rated Primary Current(Amp.)50Hz	400A(20~480A Max.)
Current Ratio	400A/5A
Turns Ratio	Np:Ns=1:80
D.C.Resistance at 20 °C	0.15Ω Max.
Accuracy @Rb≤2.5VA	1%
Operating temperature	-40~80℃
Storage temperature	-45~80℃
Insulation Resistance	DC500V/100MΩ min
Dielectric Withstanding Voltage(Hi-pot)	2.5KV/1mA/1min

Mechanical Specifications

CUP	PA66
Opening Angle	180 degree
Output terminal	UL1007 16AWG PVC wire(red/black) 80℃ 300V
Approx.Weight	403g

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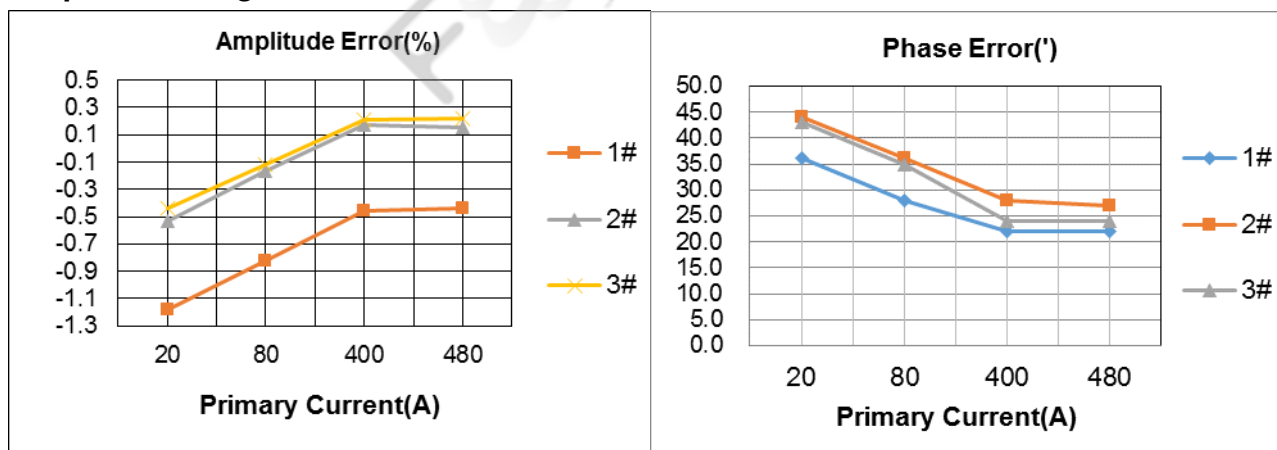
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Measured Result:

Current(A)		20	80	400	480	DCR(Ω)
SPEC.	f(%)	± 3.0	± 1.5	± 1.0	± 1.0	0.15max
	$\delta(^{\circ})$	± 180	± 90	± 60	± 60	
1#	f(%)	-1.18	-0.82	-0.46	-0.44	0.104
	$\delta(^{\circ})$	36.0	28.0	22.0	22.0	
2#	f(%)	-0.53	-0.17	0.17	0.15	0.108
	$\delta(^{\circ})$	44.0	36.0	28.0	27.0	
3#	f(%)	-0.44	-0.12	0.21	0.22	0.102
	$\delta(^{\circ})$	43.0	35.0	24.0	24.0	
AVE	f(%)	-0.72	-0.37	-0.03	-0.02	0.105
	$\delta(^{\circ})$	41.00	33.00	24.67	24.33	
MAX	f(%)	-0.44	-0.12	0.21	0.22	0.108
	$\delta(^{\circ})$	44.0	36.0	28.0	27.0	
MIN	f(%)	-1.18	-0.82	-0.46	-0.44	0.102
	$\delta(^{\circ})$	36.0	28.0	22.0	22.0	

Output curve figure



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Material list

NO	ITEM	Part No	UL Card	MATERIAL	NOTE
1	CORE	CRTR0860STHG0	/	20JG	
2	HOUSING	HSCT24A0DG00 HSCT24A0DG01	E41797	PA66	
3	BOBBIN	BNCT24A0DG00	E107536	E202G15	
4	WIRE	WR085NGS2U01	E201757	UEWN/U	Φ0.85*2C
5	LEAD WIRE	LD161060BPXW0 LD161060RPXW0	E191230 E301305	UL1007 16AWG	80°C 300V
6	SOLDER	CHSB0001XD01	/	Sn-0.3Ag-0.7Cu	

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