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YADA ELECTRONICS

2026 Product Catalog



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▶ ABOUT YADA ELECTRONICS

Established in 1994, Guangdong Yada Electronics Co., Ltd. is a public company listed on the Beijing Stock Exchange, with a registered capital of 23.7 million US dollars. Yada focuses on the R&D, manufacturing and supply of comprehensive solutions for intelligent power monitoring and control systems, serving customers worldwide.

We have built two provincial-level R&D centers and been certified as a National High-Tech Enterprise and National Intellectual Property Demonstration Enterprise. Our 60,000 m² industrial park houses 37,000 m² of high-standard workshops, fully equipped with complete production lines, professional testing equipment and advanced laboratories.

Yada provides intelligent power meters, monitoring devices, surge protection products and sensors. Our products are widely applied in data centers, communication base stations, electric vehicle charging stations, rail transit, industrial buildings and municipal engineering projects. Featuring stable performance and complete functions, our products support customized design and have been adopted by numerous landmark projects and well-known enterprises.

With over 30 years of technical accumulation and on-site application experience, many of our technologies are at the leading level in China. Yada maintains strong competitive advantages in brand influence, core technology, product quality and customer resources.



▶ BUSINESS CERTIFICATES



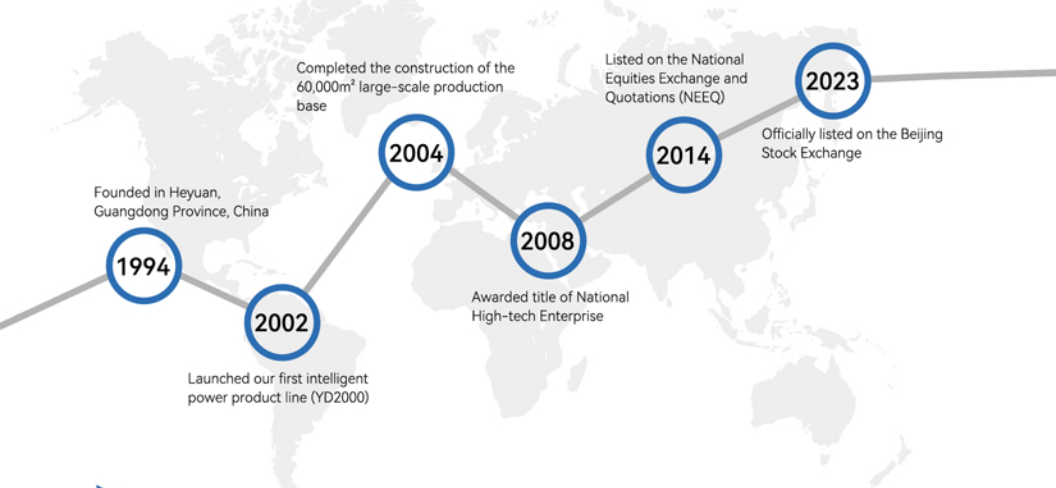
▶ PRODUCT CERTIFICATES



CORPORATE DEVELOPMENT

Since its founding in 1994, YADA has been dedicated to the intelligent power industry for over 30 years. We commit to delivering cost-effective products and creating value for customers through reliable quality and a comprehensive product portfolio.

We also provide an innovation and career development platform for employees and partners. Together with clients and team members, we strive to reach and exceed international advanced standards for safe and smart power utilization.



PREMIUM GLOBAL PARTNERS



PRODUCTION CAPACITY & QUALITY ASSURANCE



Total Employees: 700+



R&D Engineers: 160+



Automated Production Lines: 20+



Annual Output: 5,200,000 units



2025 Annual Revenue: 50,000,499.03 US dollars



CURRENT TRANSFORMERS

YADA



YADA provides high-performance current transformers for metering, monitoring and protection in power and renewable energy systems.

Certified to CE, UL and EN 61010 standards, they deliver accuracy up to Class 0.2/0.2S/0.5/1.0 for reliable performance in demanding applications.

We offer flexible OEM/ODM customization of specifications, outputs and designs for global customers.

Contact us to discuss your custom requirements.



Key Advantages

- ▶ Wide Current Range: Few amps to tens of thousands, for all power distribution needs.
- ▶ High Accuracy: 0.2 / 0.5 / 1.0 classes, ideal for metering & monitoring.
- ▶ Flexible Installation: Solid-core, split-core & Rogowski coil options.
- ▶ Safe & Certified: Flame-retardant materials, excellent insulation & international approvals.
- ▶ Stable Performance: Low drift, high linearity & long-term reliability.
- ▶ System Compatibility: Works with EMS, power monitoring & renewable systems.

Key Specification

Product Specifications						
Item	Parameter	CTF Series				
Basic Info	Model	CTF10	CTF16	CTF24	CTF35	CTF50
	Construction Type	Split-core				
	Rated Voltage	DC 500V	0.66kV			
Electrical Specs	Input Current	5A-50A	5A-100A	100A-300A	200A-800A	300A-1000A
	Output Output	2mA-20mA	2mA-40 mA	5A / 1A		
	Accuracy Class	0.5	0.2,0.5	0.5,1,0.3,0		
	Burden	≤30Ω	≤30Ω	0.5VA-2.5VA,20Ω		
Safety Performance	Insulation Strength	AC 3kV/1min				
	Rated Frequency	50/60Hz	50Hz			
	Temperature Rating	-20℃~-50℃ (-4°F ~ 122°F)			-25℃~-70℃ (-13°F ~ 158°F)	
	Relative Humidity	10%-95%RH				
	Altitude Level	≤4000m				
Mechanical Specs	Mounting Method					
	Thread-line Aperture (mm)	Φ10	Φ16	Φ24	Φ35	Φ50
Certifications	Approvals	/	UL	CE	CE	CE
Application	Usage	Switchgear, EMS, EV chargers, PV, Data centers				

Product Specifications							
Item	Parameter	SCT Series			YDBH Series		YDKH Series
Basic Info	Model	SCT24L	SCT30L	SCT40L	YDBH0.66-I Series	YDBH1.2 Series	YDKH0.66-II Series
	Construction Type	Split-core			Closed-type	Closed-type	Split-core
	Rated Voltage	0.66kV			0.66kV	1.2kV	0.66kV
Electrical Specs	Input Current	50A~500A			5A~2000A	1000A~6300A	200A~5000A
	Output Output	10mA~100mA			5A / 1A	5A / 1A	5A / 1A
	Accuracy Class	0.5			0.2S, 0.5S, 0.2, 0.5, 1.0	0.1, 0.2, 0.2S	0.2, 0.5, 1.0
	Burden	20Ω			0.1VA ~20VA	15VA~ 40VA	1.5VA ~15VA
Safety Performance	Insulation Strength	AC 3kV/min			AC 3kV/min		
	Rated Frequency	50Hz			50Hz		
	Temperature Rating	-40℃~+70℃ (-40°F ~ 158°F)			-40℃~+120℃ (-40°F ~ 248°F)		
	Relative Humidity	10%~95%RH			10%~95%RH		
	Altitude Level	≤4000m			≤4000m		
Mechanical Specs	Mounting Method						
	Thread-line Aperture(mm)	Φ24.5	Φ30	Φ40	/	/	/
Certifications	Approvals	UL	UL	UL	CE	CE	CE
Application	Usage	Switchgear, EMS, EV chargers, PV, Data centers					

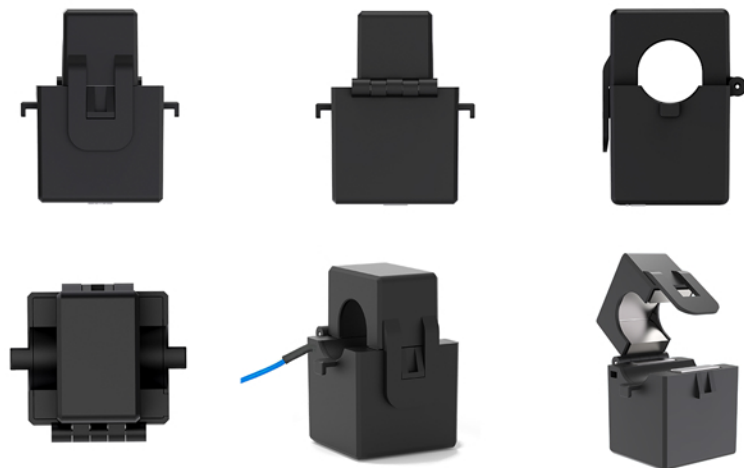
Product Specifications						
Item	Parameter	CT Series				
Basic Info	Model	CT02	CT03	CT06	CT13	CT23
	Construction Type	Miniature Solid-core				
	Rated Voltage	0.66kV				
Electrical Specs	Input Current	5A	5A~20A	50A~100A	5A~20A	5A
	Output Output	2mA~5mA	2mA~10mA	2mA~50mA	5mA	5mA
	Accuracy Class	0.2,0.5	0.2,0.5	0.2,0.5	0.2,0.5	0.1
	Burden	50Ω/200Ω	50Ω/200Ω	500Ω/800Ω	50Ω/500Ω	10Ω
Safety Performance	Insulation Strength	AC 3.0kV/min				
	Rated Frequency	50Hz				
	Temperature Rating	-40℃~+70℃ (-40°F ~ 158°F)				
	Relative Humidity	10%~95%RH				
Mechanical Specs	Altitude Level	≤4000m				
	Mounting Method	/	/	/	/	/
Mechanical Specs	Thread-line Aperture(mm)	Φ4	Φ7.4	Φ8.8	Φ5	Φ4
Certifications	Approvals	/	/	/	/	/
Application	Usage	Switchgear, EMS, EV chargers, PV, Data centers				

Product Specifications								
Item	Parameter	CT Series						
Basic Info	Model	CT2404L	CT10	CT12L	CT16L	CT20	CT21	CT27
	Construction Type	Miniature Solid-core						
	Rated Voltage	0.66kV						
Electrical Specs	Input Current	50A~200A	5A~100A	50A~100A	50A~100A	50A~100A	5A~200A	100A~400A
	Output Output	10mA~40mA	10mA~40mA	10mA~40mA	10mA~40mA	10mA~20mA	10mA~80mA	20mA~80mA
	Accuracy Class	0.2, 0.2S	0.2, 0.5	0.2, 0.5	0.2, 0.5	0.2, 0.5	0.2, 0.5	0.2, 0.5
	Burden	≤20Ω	20Ω/50Ω/200Ω	50Ω	20Ω/30Ω	20Ω	20Ω	20Ω
Safety Performance	Insulation Strength	AC 3.0kV/min						
	Rated Frequency	50Hz						
	Temperature Rating	-40℃~+70℃ (-40°F ~ 158°F)						
	Relative Humidity	10%~95%RH						
Mechanical Specs	Altitude Level	≤4000m						
	Mounting Method							
Mechanical Specs	Thread-line Aperture(mm)	Φ16	Φ10	Φ12	Φ16	Φ16	Φ20	Φ30
Certifications	Approvals	UL	/	/	CE	/	/	/
Application	Usage	Switchgear, EMS, EV chargers, PV, Data centers						

Potential Transformer				
Item	Parameter	PT Series		
Basic Info	Model	PT03	PT04	PT08
	Construction Type	Miniature Pin-type		
	Rated Voltage	0.66kV		
Electrical Specs	Input Current	1mA~2mA	2mA	6mA
	Output Output	1mA~2mA	2mA	6mA
	Accuracy Class	0.5	/	/
	Burden	500Ω	250Ω	200Ω
Safety Performance	Insulation Strength	AC 3.0kV/min		
	Rated Frequency	50Hz		
	Temperature Rating	-40℃~+70℃ (-40°F ~ 158°F)		
	Relative Humidity	10%~95%RH		
Mechanical Specs	Altitude Level	≤4000m		
	Mounting Method	/	/	/
Mechanical Specs	Thread-line Aperture(mm)	/	/	/
Certifications	Approvals	/	/	/
Application	Usage	Switchgear, EMS, EV chargers, PV, Data centers		

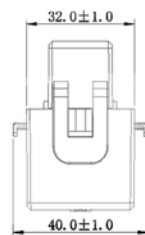
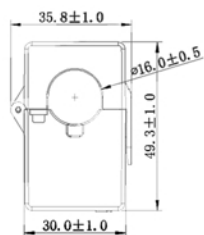
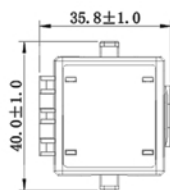
UL Certified Split-core CTs

CTF16L



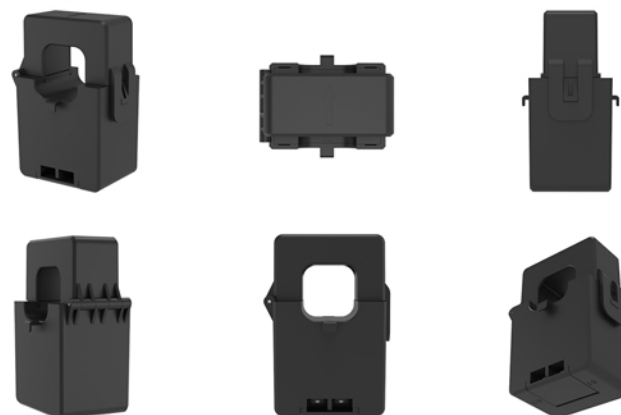
Specification

(Units: mm, Tolerance: ± 0.5)



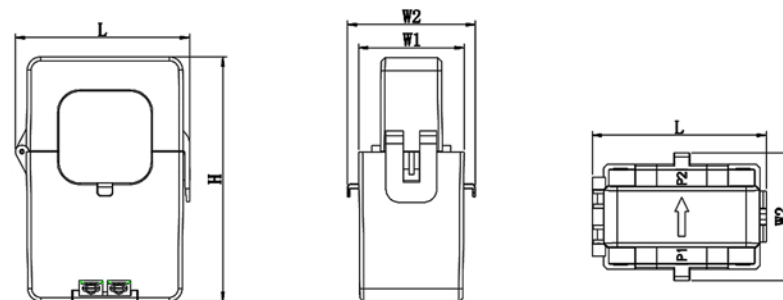
CE Certified Split-core CTs

CTF24/CTF35/CTF50



Specification

(Units: mm, Tolerance: ± 0.5)



Model	Size(mm)				Aperture (mm)
	L	H	W1	W2	
CTF24	55	79.5	38	46.5	24
CTF35	66	93	40	48.6	35
CTF50	87	116	47.5	56.5	50

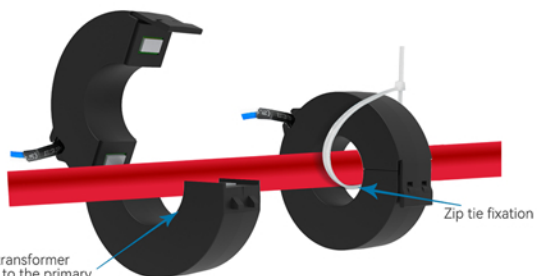
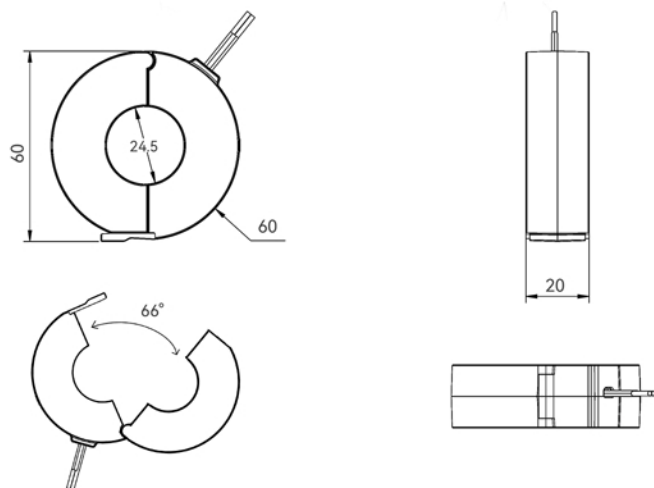
UL Certified Split-core CTs

SCT24L/SCT30L/SCT40L



Specification

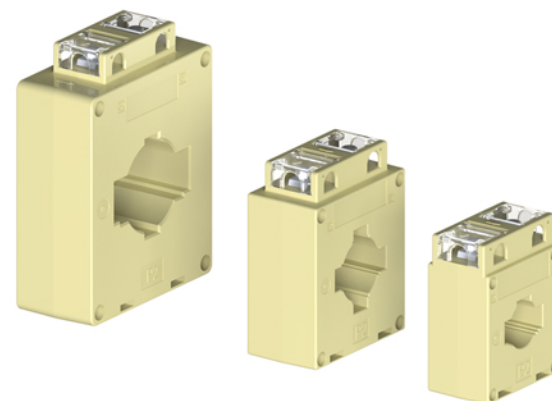
(Units: mm, Tolerance: ± 0.5)



The disassembled transformer is directly attached to the primary current line and the snap-lock is closed.

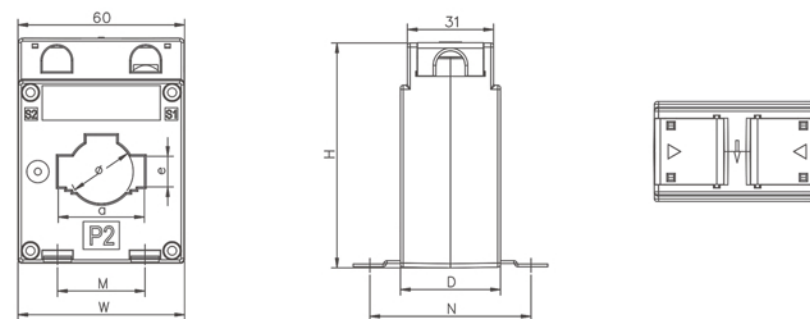
CE Certified-current CTs

YDBH0.66-I Series



Specification

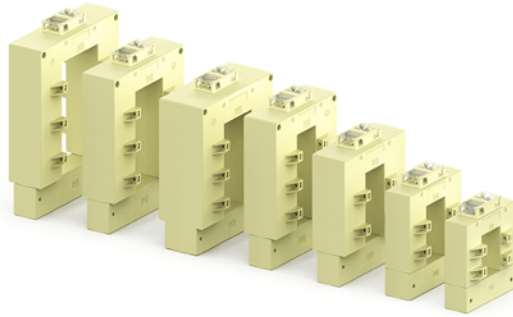
(Units: mm, Tolerance: ± 0.5)



Model	Dimensions(mm)						Installation Dimensions	
	W	H	D	a	e	Φ	M	N
YDBH0.66-30	60	81	36	31	11	23	31.5	58
YDBH0.66-40	75	98	41	42	11	31	40	58
YDBH0.66-60	102	133	45	62	21	45	42	58

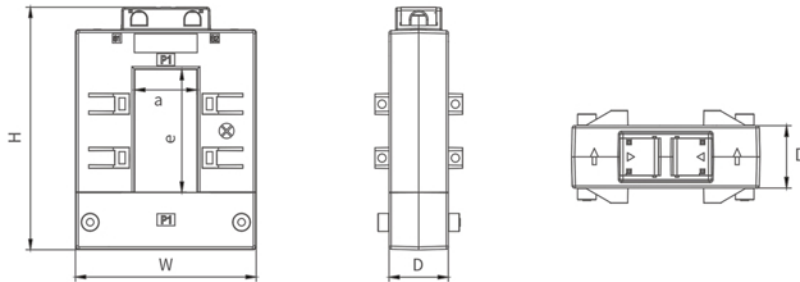
CE Certified-Voltage CTs

YDKH0.66-II Series



Specification

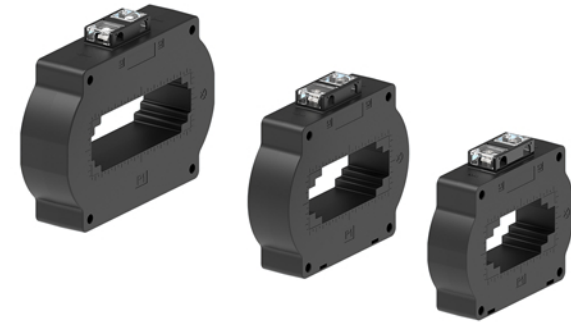
(Units: mm, ToleranceP: ±0.5)



Model Specification	Rated Input Current	Dimensions(mm)				
		W	H	D	a	e
YDKH0.66-60×40II-B	200A~1500A	114	139	36	42	62
YDKH0.66-80×40II-B	300A~2500A	122	162	40	42	82
YDKH0.66-100×40II-B	600A~4000A	144	194	52	42	102
YDKH0.66-130×40II-B	1000A~5000A	144	224	52	42	132
YDKH0.66-130×60II-B	1000A~5000A	167	225	70	62	132
YDKH0.66-140×60II-B	1000A~5000A	164	234	52	62	142
YDKH0.66-160×80II-B	1000A~5000A	184	254	52	82	162

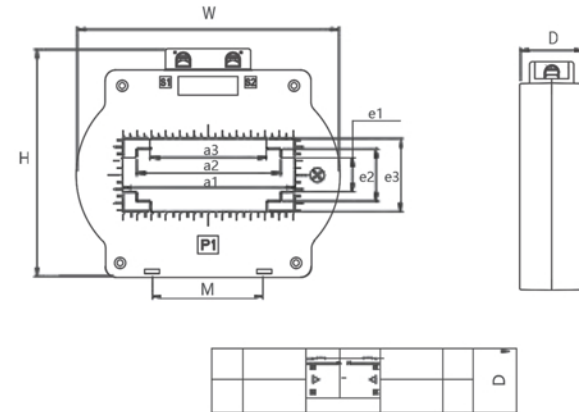
CE Certified High-current CTs

YDBH1.2 Series



Specification

(Units: mm, Tolerance: ±0.5)



Model	Dimensions(mm)									
	W	H	D	a1	a2	a3	e1	e2	e3	M
YDBH1.2-100	166	143	43	104	82	62	24	37	52	90
YDBH1.2-120	186	160	45	122	102	82	24	37	52	79
YDBH1.2-150	227	170	52	151.5	141.5	122	22	37	52	/

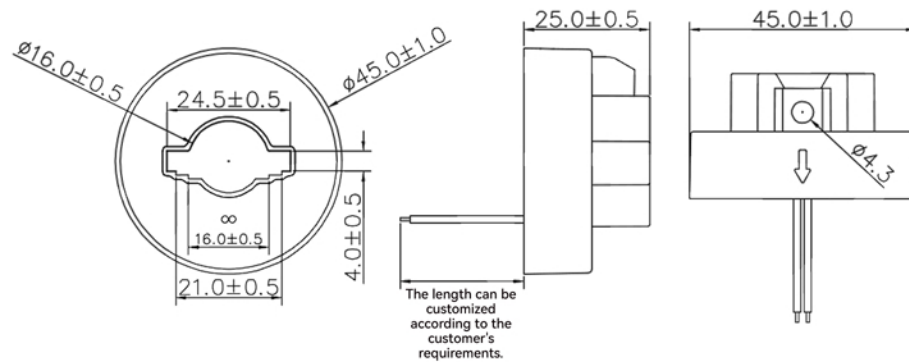
UL Certified Solid-core CTs

CT2404L



Specification

(Units: mm, Tolerance: ± 0.5)



The UL certification mark is as follows:



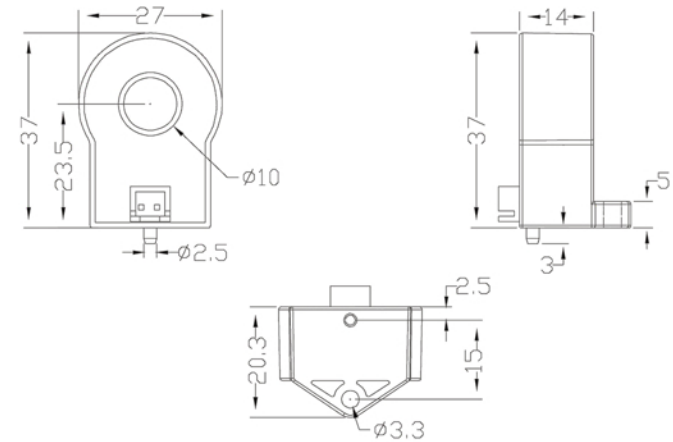
Solid-core CTs

CT10



Specification

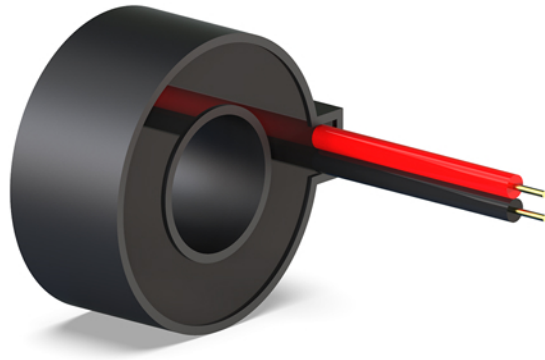
(Units: mm, Tolerance: ± 0.5)



Model: CT10-2k5-50				
Parameter	Load Resistance	Accuracy Class	Angular Differen	Thread Hole
50A/10mA	$\leq 200\Omega$	0.2	$<10'$	$\phi 10\text{mm}$
100A/20mA	$\leq 50\Omega$	0.2	$<10'$	$\phi 10\text{mm}$

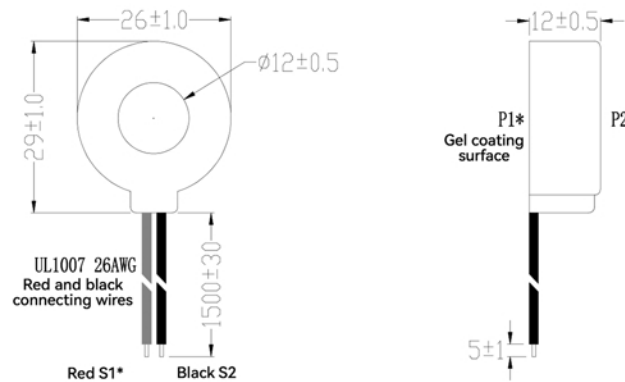
Solid-core CTs

CT12L

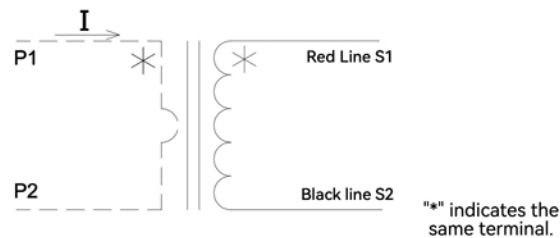


Specification

(Units: mm, Tolerance: ± 0.5)



Winding Connection Diagram:



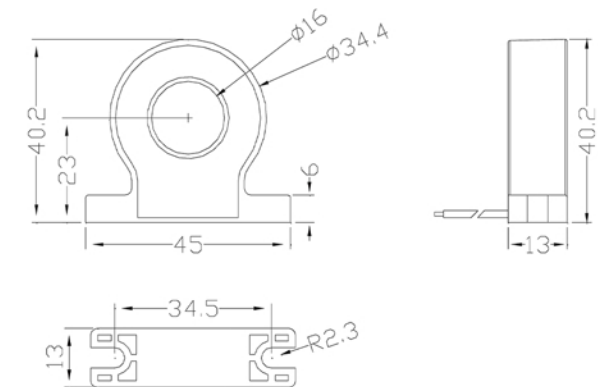
CE Certified Solid-core CTs

CT16L



Specification

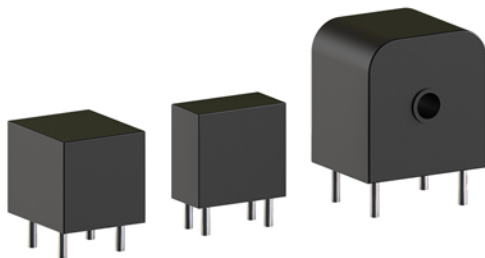
(Units: mm, Tolerance: ± 0.5)



Model	Rated in put/output	Accuracy	Insulation resistance	Angle difference	Load resistance	Isolated withstand voltage	Threading aperture (mm)
CT16L	5A/10mA(2T)	0.5	$\geq 100 \text{ Mohm}$	$\leq 15^\circ$	$\leq 20 \Omega$	3kVac	$\Phi 16$
	50A/20mA	0.5		$\leq 10^\circ$	$\leq 30 \Omega$		
	60A/24mA	0.2		$\leq 10^\circ$	$\leq 30 \Omega$		
	100A/40mA	0.2		$\leq 10^\circ$	$\leq 30 \Omega$		
	50A/10mA	0.2		$\leq 10^\circ$	$\leq 30 \Omega$		
	100A/20mA	0.2		$\leq 10^\circ$	$\leq 30 \Omega$		

Precision Voltage Transformer PT Series

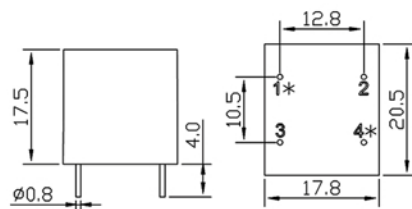
PT03/PT04/PT08



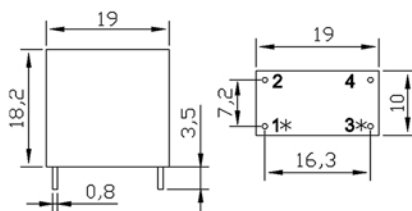
Specification

(Units: mm, Tolerance: ± 0.5)

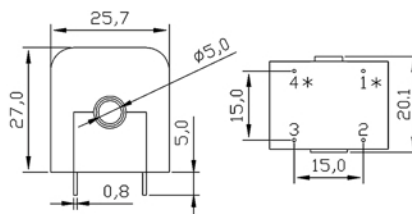
PT03



PT04



PT08



Model	Rated Input Current	Rated Output Current	Rated Overload	Accuracy	Dimension (mm)
PT03	1mA~2mA	1mA~2mA	500Ω	0.5	17.8×20.5×17.5
PT04	2mA	2mA	250Ω		19×10×18.2
PT08	6mA	6mA	200Ω		25.7×20.1×27