



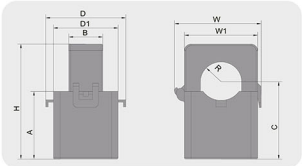
The CT256 series open-type current transformer is a series of miniaturized open-type products designed based on the improvement of current instrument and equipment software processing capabilities. Due to the increase in current monitoring equipment, a small and easy-to-install open-type current transformer is needed. The CT256 series products came into being and are increasingly widely used. Many instruments also use such products, and combined with the correction of the transformer output curve by the instrument software, more accurate results are obtained. It is a low-cost solution.

This type of product generally uses small current signal output or voltage signal output to maximize product accuracy and reduce hardware costs. Standard 5A or 1A current output products have poor load capacity. It is recommended to use wires with a cross-sectional area of not less than 2.5mm². When outputting current signals, the secondary circuit of the transformer needs to be connected before installation to avoid the risk of electric shock due to high voltage generated by the open secondary circuit during installation. After installation, the transformer needs to be well fixed to the measured wire with nylon cable ties.

This series of products is designed with 6 specifications. Silicon steel core, nanocrystalline alloy core and ferrite core can be used as needed to reduce costs as much as possible while ensuring application.

All products are directly output by wire, and the wire length is specified according to needs.

- Normal use and installation conditions
- Installation location: Indoors.
- Ambient temperature -20℃~+50℃.
- Ambient humidity The recommended relative humidity is not more than 80%.
- Altitude Not more than 3000m.
- Atmospheric conditions There is no serious pollution, corrosive and explosive media in the atmosphere.
- There is no environment with significant frequent vibration and impact.
- Storage temperature -30℃~+75℃.



MODEL	CURRENT (A)	DIA. (mm)	PRODUCT DIMENSIONS (mm)									
			H	W	D	A	B	C	D1	R	W1	
CT256192	5A-32A	5	31.5	/	/	/	/	/	21	2.5	19.5	
CT256292	5A-75A	10	40.5	29.3	26	23	14	26.8	/	5	23	
CT256392	50A-150A	16	53	36.6	39	32	18	37	31	8	30	
CT256402	100A-250A	24	70.5	50.8	47	41.5	20	47.5	38	12	43	
CT256502	200A-500A	35	83.5	66	51	48	23	53.5	41	17.5	56.5	
CT256602	200A-500A	45	97.2	/	/	55	21.5	77.5	47	22.5	67	

General technical indicators

Technical indicators	Indicator parameters
operating voltage	≤720V
operating frequency	50~60Hz
rated accuracy	equal or better than 0.2 grade level
rated overload current	1.2x rated current
Rated short-time thermal current	60x rated current@1sec
Insulation resistance	≥1M ohms@500Vdc
Power frequency withstand voltage	3KV@2mA\1min\50Hz
Product flame retardant grade	UL94-V0
Insulation heat resistance grade	E class
Applicable standard	GB20840.2、IEC/EN60044-1

Product Specifications Table

MODEL	Weak signal output parameters				Standard current output load parameters			
	RATIO	LOAD	ACCURACY	MULTIPLE	RATIO	0.5	1.0	3
CT256192	5A/2.5mA	50Ω	0.5/1.0	1.2X				
	5A/5mA	50Ω	0.5/1.0	1.2X				
	10A/5mA	100Ω	0.5/1.0	1.2X				
	5A/0.333V	/	0.5/1.0	2X				
	10A/0.333V	/	0.5/1.0	2X				
	15A/0.333V	/	0.5/1.0	2X				
CT256292	5A/2.5mA	100Ω	0.5/1.0	1.2X				
	10A/5mA	100Ω	0.5/1.0	1.2X				
	20A/10mA	100Ω	0.2/0.5	1.2X				
	30A/0.333V	/	0.2/0.5	2X				
	50A/0.333V	/	0.2/0.5	2X				
	75A/0.333V	/	0.2/0.5	2X				
CT256392	50A/25mA	50Ω	0.2/0.5	1.2X				
	75A/25mA	50Ω	0.2/0.5	1.2X				
	100A/50mA	100Ω	0.2/0.5	1.2X				
	150A/50mA	100Ω	0.2/0.5	1.2X				
	100A/0.333V	/	0.2/0.5	2X				
	150A/0.333V	/	0.2/0.5	2X				
CT256402	50A/25mA	50Ω	0.2/0.5	2X	100A/5A		0.25VA	0.5VA
	100A/50mA	50Ω	0.2/0.5	2X	200A/5A	0.5VA	0.5VA	1VA
	150A/50mA	100Ω	0.2/0.5	2X	320A/5A	1VA	1VA	1VA
	200A/0.333V	/	0.2/0.5	2X	400A/5A	1VA	1VA	1VA
	250A/0.333V	/	0.2/0.5	2X	250A/1A	0.5VA	1VA	1VA
	250A/100mA	100Ω	0.2/0.5	2X	400A/1A	2VA	2VA	2VA
CT256502	5A/2.5mA	50Ω	0.2/0.5	2X	200A/5A	1.5VA	1.5VA	2VA
	5A/5mA	50Ω	0.2/0.5	2X	300A/5A	1.5VA	1.5VA	2VA
	10A/5mA	100Ω	0.2/0.5	2X	400A/5A	2.5VA	2.5VA	3VA
	5A/0.333V	/	0.2/0.5	2X	500A/5A	3VA	3VA	5VA
	10A/0.333V	/	0.2/0.5	2X	600A/5A	3.75VA	3.75VA	5VA
	15A/0.333V	/	0.2/0.5	2X	600A/1A	2VA	2VA	3VA
CT256602	200A/100mA	50Ω	0.2/0.5	2X	300A/5A	1.5VA	2VA	3VA
	300A/100mA	50Ω	0.2/0.5	2X	400A/5A	2VA	3VA	3.75VA
	400A/200mA	100Ω	0.2/0.5	2X	500A/5A	2VA	2.5VA	3.75VA
	500A/200mA	100Ω	0.2/0.5	2X	600A/5A	3VA	3.75VA	5VA
	600A/200mA	100Ω	0.2/0.5	2X	750A/5A	3.75VA	5VA	7.5VA
	600A/0.333V	/	0.2/0.5	2X	800A/5A	3.75VA	5VA	7.5VA