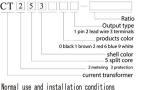


The 253 (253A) series openable current transformer adopts a compact structural design, uses high magnetic permeability soft magnetic materials and high-quality enameled round copper wire, and is produced by ultrasonic welding technology. Compared with similar products, it has the characteristics of small size, high precision and light weight. The product shell is made of environmentally friendly flame-retardant PC/ABS alloy engineering plastics, which has high strength, strong impact resistance and firm fixation. In terms of structural design, the product adopts bolt fixing method, and the fixing structure is firm and reliable. And the fixing In terms of structural design, the product adopts bon main griedrod, and une insing structure is miniman ename, much en aming bolts and nuts are built-in. Even if the product is installed in a complex environment, there is no need to worry about the fixing bolts falling off the product, which greatly reduces the trouble of dropping accessories during installation. The fixed base and the transformer body adopt a split design. According to needs, two different installation methods can be used. It has stronger

the transformer body adopt a split design. According to needs, two different installation methods can be used. It has stronger adaptability to the installation environment. This series of products has 3 size specifications, which can measure cables with a current range of 100A-1200A. According to the requirements, the accuracy can be 0.2, 0.5, 1.0, etc. The secondary output signal can be a standard current of 5A/1A or a small signal current of mA level. This series of products does not contain an open circuit protection part. During installation, the secondary circuit needs to be well connected before installation. During and after installation, the secondary output of the transformer is not allowed to be well connected before installation. During any area magnetics and be used, the product can be applied to busbar energy extraction. Since larger specifications of soft magnetic materials can be used, the product can be applied to busbar energy extraction. When the current is less than 10,4 it can output a power of more than 100mW. And under high current conditions, the work-ing noise generated by the saturation of the core is extremely small. The product shell color can be produced according to the customer's specified color to meet different color schemes.



Color code: 0: black: 1brown 2: red: 6: blue: 9: white: The shell color specified by the customer is

color of the color system;

coded and classified according to the main

- Installation location: Indoors
- Atmospheric conditions: There is no serious pollution, corrosive and explosive media in Ambient humidity: It is recommended that the relative humidity should not exceed 80%.
- General technical indicators
- Atmospheric conditions: There is no serious pollution corrosive and explosive media in the atmosphere. Environment without significant frequent vibration and shock
- Altitude: not more than 3000m. Storage temperature: -30 °C ~+75 °C.

Technical indicators

operating voltage

rated accuracy rated overload current

operating frenguency

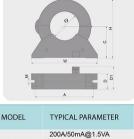
Insulation resistance

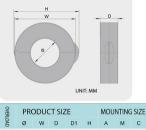
Power frequency withstand voltage Product flame retardant grade Insulation heat resistance grade Applicable standard **Product Specifications Table**

Rated short-time thermal current

≤720V 50~60Hz

- Indicator parameters
- equal or better than 0.2 grade level
- 1.2x rated current 60x rated current@1sec
- ≥1M ohms@500Vdc
- 3KV@2mA\1min\50Hz
- 111 94-1/0
- E class
- GB20840.2、IEC/EN60044-1





CT253203	200A/50mA@1.5VA	0.2	1.2	45	132	34	49	112	120	6	61
	400A/1A@2.5VA	0.5	1.2								
	500A/5A@2.5VA	0.5	1.2								
CT253303	400A/100mA@1.5VA	0.2	1.2	65	154	36	51	134	136	6	72
	800A/1A@3.75VA	0.5	1.2								
	1000A/5A@5VA	0.5	1.2								
CT253403	600A/200mA@1.5VA	0.2	1.2	80	176	37	52	148	158	6	79
	1000A/1A@5VA	0.5	1.2								
	1200A/5A@5VA	0.5	1.2								
CT253203A	200A/50mA@1.5VA	0.2	1.2	48	101	30		108			
	400A/1A@2.5VA	0.5	1.2								
	500A/5A@2.5VA	0.5	1.2								
CT253303A	400A/100mA@1.5VA	0.2	1.2	68	123	32		131			
	800A/1A@3.75VA	0.5	1.2								
	1000A/5A@5VA	0.5	1.2								
CT253403A	600A/200mA@1.5VA	0.2	1.2	82	138	32					
	1000A/1A@5VA	0.5	1.2					146	j		
	1200A/5A@5VA	0.5	1.2								