

FU-100

Clamp Split Core Current Transformer

The GFUVE FU-100 clamp split core CTs are compact and low cost current transformers with high accuracy. The CTs are ideal for quick and easy installation without disconnecting cables during installation. Multiple installation mechanisms provide stable and durable current measurement.

Applications

1. Energy sub – meter
2. Power meters
3. Power quality monitoring
4. HVAC & Pumps, etc
5. Distributed measurement system

Features

1. Most cost-effective
2. Faster installation
3. Safe and easy installations
4. High accuracy 0.5
5. Holding wire diameter: $\phi 100\text{mm}$
6. Ratio's ranging from 400/1A to 3000/5A
7. CE, UL



Parameters

Technical parameters	
Standards	IEC/EN60044-1 & IEC61010-1 & IEC61869-2&ANSI C57.13
Ratio	1000: 5 or 2000:5 , customized
Nominal input current (Primary current)	400A/500A/600A/800A/1000A/1200A/1500A/2000A/3000A
Overload withstand	1.2 times rated current continuously
Accuracy	0.2%, 0.5 % , 1%
System Voltage	720V(0.72kV)
Output signal	1A or 5A 333mV AC or 100mV-2V optional
Burden	2.5VA
Frequency range	40 Hz-500 Hz

Technical parameters-continued	
Dielectric strength	3KV 50Hz/60Hz at 1 minute
Output	Standard 2.5 meter cable
Max. jaw opening	100 mm
Mechanical parameters	
Dimensions (W×D×H) (mm)	170mm x 184.5mm x 41 mm
Weight (Kg)	1
Operating conditions	
Operating temperature	-25 to +55°C
Relative Humidity	0-85% non-condensing
Altitude	<3500 meters
Condition	No existence of severely begrimed, erosive and radioactive gas in the air. Permission of long-term operation under rated current.