

FU-80

Split Core Current Transformer

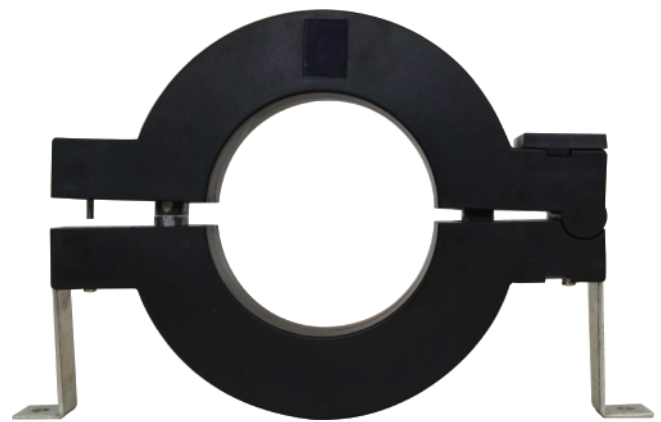
The GFUVE FU-XX series split core CTs are compact and low cost current transformers with high accuracy. The CTs are ideal for quick and easy installation without disconnecting cables during installation. Multiple installation mechanisms provide stable and durable current measurement.

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: $\phi 30\text{mm}$, $\phi 55\text{mm}$, $\phi 80\text{mm}$
6. Ratio's ranging from 100/1A to 1200/5A
7. CE, UL



Parameters

Technical parameters	
Standards	IEC/EN60044-1 & IEC61010-1 & IEC61869-2&ANSI C57.13
Ratio	200:1, 400:5, 800: 5 or 1000:5 , customized
Nominal input current (Primary current)	200A-1200A
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 mode	Terminal output
Max. jaw opening	30mm, 55mm, 80 mm
Mechanical parameters	
Dimensions (W×D×H) (mm)	88x 129x 28, 108x 155x 28, 138 x 193 x 28
Weight (g)	400, 550, 600
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.