

Q125

High Accuracy Current Clamp On Measuring Instrument

The model Q125 current clamp on measuring instrument can be used for a current vector for the copper bar or the power aluminum bus bar on-line detection.

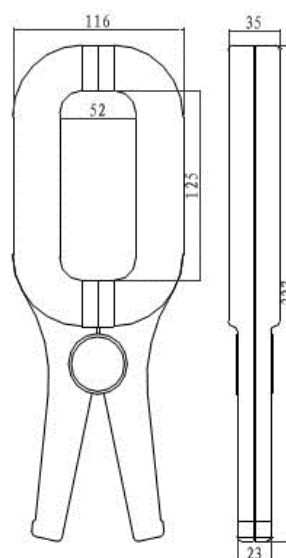


Applications

1. Electric energy meter calibrator (on site)
2. Double clamp type ground resistance tester
3. Double clamp type phase volt-ampere meter
4. Digital multi-meter
5. Multi-function energy meter
6. Oscilloscope
7. Power quality analyzer
8. Matched instruments
9. Calibration instrument on site

Features

1. Measurement range of 1mA to 3000A AC
2. Small, compact size; holding wire diameter 120mm×50mm
3. Improved ergonomic design and easy operation
4. Low phase shift for power measurement
5. With load capacity $\leq 4\Omega$; When 1A output, it is 0.1 Ω ; When 5A output, it is 2.5VA.
6. Output model: Lead output(2.5m)



Unit:mm

Parameters

Electrical parameters

Ratio	1000: 1 or 2000:1 (customized)
Accuracy class	0.2%, 0.5%, 1%
Primary current	0 - 3000A AC
Secondary current	0 - 5A AC (customized)
Max. Cont. Input current	3600A
Over voltage category	CAT III 600 V
Output signal (AC current)	500mA,1A,5A AC at nominal input current

Electrical parameters - continued

Output signal (AC voltage)	333mV,500mV,1V,5V AC at nominal input current
Frequency range	40Hz-2000Hz
Dielectric strength	3KV 50Hz/60Hz at 1 minute
Temperature range	-20°C to +55°C
Output	2.5 meter cable with D01 connector
Max. voltage not insulated conductors	600 V
Standard	EN 61010-1, EN 61010-2-032, IEC60044-1
Installation	Clamp type
Output mode	Lead output (2.5m)

Mechanical parameters

Dimensions (L x W x H) (mm)	116 x 327 x 35
Weight (g)	1200
Holding wire diameter (mm)	φ120 x 50
Max. jaw opening (mm)	50
Jaw color	White
Material	PC+ABS+Polycarbonate, UL94 V0