## **Get more Work from your Power**

## 52 Series CAT III 600V AC/DC Current Clamp-On Probes

The 52 Series CAT III 600V AC/DC Current Clamp-On Probes are high performance current converters incorporating a Hall Effect sensor within a split core window current transformer with low ratio and phase errors, and specifically designed as an accessory for CHK Power Quality instruments and used in CAT III 600V environments.



Figure 1: 52 series CAT IV 600V AC/DC current clamp-on probe

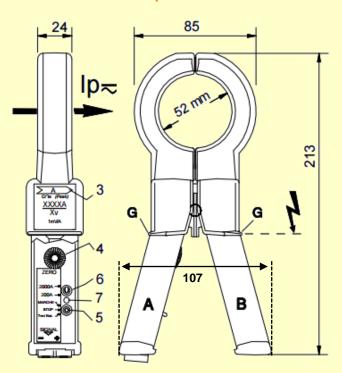


Figure 2: Dimensions

The zero adjust knob and the power indicator LED are located on the inside of a trigger arm.

## **Connection to the MIRO**

Once connected, the MIRO automatically detects and energises the AC/DC clamp. The red LED will glow to indicate that the clamp is energised.

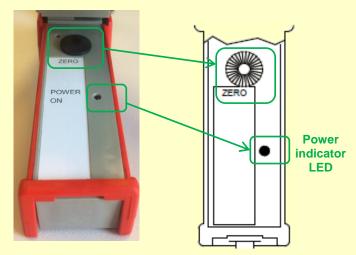


Figure 3: Zero adjust knob and power indicator LED

Part number	To be used with
1ADC500	MIRO PQ45 Power Quality Logger and Analyser
1ADCR500	MIRO PQ35 Power Quality Logger and Analyser

**Table1: Instrument accessories** 

## **Specifications**

Rated input current Maximum input current Output signal Zero adjustment Sensor technology Burden Accuracy Phase error Frequency range Working voltage Dielectric strength Dimensions (H x W x L) Jaw aperture Lead length / Weight Power indicator Enclosure colour Operating temperature Protection class

Environment

500A AC/DC 120% of rated current 2V at rated current Yes Hall effect  $10k\Omega$ 2% (10-120)% of rated 4° @ 1kHz 10kHz (-3dB) 600V 4kV@50Hz for 1 minute (24 x 107 x 213) mm 52 mm 2m / 600 grams Red LED Red -10°C to 50°C CAT III 600V, pollution

degree II, IEC 61010-2

Indoors

Brochure - 52 series CAT III 600V AC/DC current clamp-on probes, rev 1.00 Address: Unit 1, 3 Tollis Place, Seven Hills, NSW 2147, Sydney, Australia

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