

CC-65 AC/DC CURRENT CLAMP



Type A (with BNC connector)



Type B (with banana connector)

Feature

AC/DC frequency range: Up to 20 kHz

Effective Measurement Range: 20mA to 65A DC

It is a transducer which allows your multimeter to measure current data and enable your oscilloscope to measure the current waveforms.

Its current transducer is composed by permalloy and hall element, which linearly transform the AC or DC current to AC or DC current voltage. And if connect to an oscilloscope by BNC type connector, you're able to observe the current waveforms; If connect to a multimeter by banana type connector, you can obtain the current data.

Application

Power circuit measurement and malfunction analysis;

Motor drive of frequency converter (or other electronics) measurement;

Power electronics equipment measurement.

Specification

DCA Range	1 mV /10mA	$\pm(1.5\%\pm5\text{mA})$ 10mA ~ 20A
	1mV/100mA	$\pm(2\%\pm20\text{mA})$ 100mA ~ 40A; $\pm(4\%\pm0.3\text{A})$ 40A ~ 65A
ACA Range	1mV/10mA	$\pm(2\%\pm30\text{mA})$ 100mA ~ 10A (40Hz ~ 2KHz); $\pm(4\%\pm30\text{mA})$ 100mA ~ 10A (2KHz ~ 10KHz); $\pm(6\%\pm30\text{mA})$ 100mA ~ 10A (10KHz ~ 20KHz); $\pm(8\%\pm30\text{mA})$ 10A ~ 15A (40Hz ~ 20KHz)
	1mV/100mA	$\pm(2\%\pm30\text{mA})$ 200mA ~ 40A (40Hz ~ 1KHz); $\pm(4\%\pm30\text{mA})$ 200mA ~ 40A (1KHz ~ 2KHz); $\pm(6\%\pm30\text{mA})$ 200mA ~ 40A (2KHz ~ 5KHz); $\pm(8\%\pm0.3\text{A})$ 40A ~ 65A (40Hz ~ 20KHz)
Captured Conductor Size		9mm maximum
Low Battery Indicator		red LED lighting
Operating Temperature		0°C to 50°C 70% R.H.
Storage Temperature		-20°C to +70°C, 80% R.H.
Battery Type		9V DC, NEDA 1604, 6F22,0006P
Battery Life		100 hours typical with alkaline
Weight		250 gm typical
Dimensions		195mm(H) x 70mm(W) x 33mm(D)
Output		Supplied with coil cable with straight banana plug or BNC plug.