

## FEATURES

- 0.5" Clamp Jaw opening
- 80A AC/DC Clamp-on Adaptor
- Voltage output
- Standard banana inputs

# RS PRO Multimeter Current Clamp Adapters

RS Stock No.: 204-8306



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

# Multimeter Current Clamp Adapters

## Product Description

The AC/DC mA Current Clamp is a transducer which will allow your multimeter to measure low electrical or/and electronic current up to 80 amperes AC/DC, with a frequency response up to 20kHz. When measuring current with this clamp, there is no need to break a circuit or to affect the isolation. The extended measurement jaws allow performing measurements in a narrow space. When measuring DC current, a simple operating push button is designed for zero adjustment. The clamp adapter is applicable to leakages detection or monitoring.

## General Specifications

<b>Model Number</b>	RS CP-10
<b>Adapter Type</b>	AC/ DC
<b>Measurement Type</b>	Hall Sensor
<b>Bandwidth</b>	40Hz to 500 Hz
<b>Transformation Ratio</b>	100
<b>Load Impedance</b>	≤ 10KΩ
<b>Maximum Overload AC Current</b>	80A
<b>Maximum Overload DC Current</b>	80A
<b>Open Circuit Voltage</b>	
<b>Phase Shift</b>	
<b>Measurement rate</b>	
<b>Connector Type</b>	Safety 4mm plugs
<b>Work light &amp; Power Button</b>	Yes
<b>Zero Error Adjustment</b>	
<b>Cable Length (Extended)</b>	
<b>Calibration Availability</b>	

## Measurements

Parameters	Range	Resolution	Accuracy	Output Signal
<b>AC Current</b>	2A to 80A	± 10mA/V	± 3.5%	100mV/A
<b>DC Current</b>	2A to 80A	± 10mA/V	± 3.5%	100mV/A

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## Electrical Specifications

<b>Power Source</b>	Battery
<b>Battery Included</b>	Yes
<b>Battery Type</b>	9V
<b>Battery Life</b>	
<b>Plug Type</b>	
<b>Safety Category Level and Voltage</b>	CAT II 600V

## Mechanical Specifications

<b>Clamping capacity</b>	12.5mm Cable Diameter
<b>Dimensions</b>	190mm x 70mm x 38mm
<b>Width</b>	190mm
<b>Length</b>	70mm
<b>Height</b>	38mm
<b>Weight</b>	240g

## Operation Environment Specifications

<b>Operating Altitude</b>	0 to 2000 m
<b>Relative Humidity</b>	from 0 to 80% RH
<b>Operating Temperature Range</b>	-0°C to 50°C, 70% RH
<b>Storage Temperature Range</b>	20°C to +70°C, 80% RH
<b>Shock protection</b>	
<b>Vibration resistance</b>	
<b>Fall Height</b>	

## Protection Category

<b>IP Protection</b>	IP40
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## Additional Information

<b>EAN</b>	
<b>Custom Tariff Number</b>	9030319000



## Classification

*eCl@ss Version*  
*UNSPSC Version*  
*ETIM Version*


## Approvals

**Compliance/Certifications** CE

**Declarations**

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