

# AMP-25-EUR AC/DC TRMS Mini-Clamp

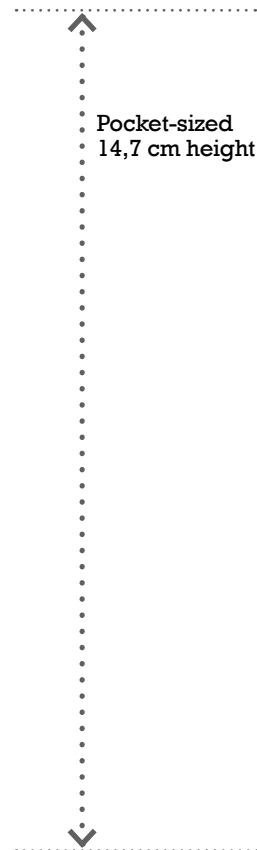
## Convenience Without Compromise

Small size doesn't mean small features. The Beha-Amprobe AMP-25-EUR Mini-Clamp is pocket-sized, enabling quick and easy spot checks of electrical systems. With its rugged construction and CAT III 600 V rating, the AMP-25-EUR is a must-have professional troubleshooting tool for commercial electricians and electrical contractors.

The AMP-25-EUR is designed to measure AC/DC load current and inrush current for motors. Essential features like True-RMS, non-contact voltage and low pass filter make this clamp stand tall next to clamps twice its size. With the AMP-25-EUR, you never have to sacrifice performance for size.

## AMP-25-EUR Features

- **True-RMS** for noisy environments provides accuracy and dependability
- **AC & DC current** to 300 A (10mA resolution)
- **Low pass filter** for variable frequency drives
- **Inrush current** for motor start-up monitoring
- **Non-contact voltage** detection (NCV)
- **Jaw opening** to 25 mm (1 in)
- **Autoranging**
- **DCA zero** and **data hold**
- **Auto power off**
- **Large LCD backlit display**
- **Safety Rated CAT III 600 V**



## AMP-25-EUR Applications



**Troubleshoot electrical systems** and measure AC/DC load current on exposed wires in a breaker panel.





The **non-contact voltage (NCV)** function checks for voltage presence.



**Pocket-sized** for quick and easy spot checks of electrical systems.

## AMP-25-EUR Detailed Specifications

Feature	AMP-25-EUR	Best Accuracy	General Specifications	AMP-25-EUR
<b>AC Current <sup>(1)</sup></b>	60.00 / 300.0 A	+/- (1.5% + 5 LSD) @ 50 to 100 Hz ≥ 3 A +/- (2.5% + 5 LSD) @ 100 to 400 Hz ≥ 3 A	<b>Display</b>	Digital: 6000 counts, updates 2/sec
<b>DC Current <sup>(2)</sup></b>	60.00 / 300.0 A	+/- (1.5% + 5 LSD) @ 300 A range	<b>Range</b>	Autoranging
<b>Low Pass Filter</b>	300.0 A	+/- (3.5% + 5 LSD) @ 50 to 60 Hz ≥ 3 A	<b>Overrange Indication</b>	OL or -OL
<b>True-RMS</b>	•		<b>Operating Temperature</b>	0°C to 30°C (32°F to 86°F), ≤ 80% RH 30°C to 40°C (86°F to 104°F), ≤ 75% RH 40°C to 50°C (104°F to 122°F), ≤ 45% RH
<b>Inrush Current</b>	•		<b>Operating Altitude</b>	≤ 2000 m
<b>Non-Contact Voltage</b>	•		<b>Storage Temperature</b>	-20°C to +60°C (-4°F to 140°F)
<b>Data Hold</b>	•		<b>Pollution Degree</b>	2
<b>Note <sup>(1)</sup></b> : Crest Factor (C.F.) may be up to 3.0 as 4000 counts. For non-sinusoidal waveforms: Add 3.0% for C.F. 1.0 to 2.0 Add 5.0% for C.F. 2.0 to 2.5 Add 7.0% for C.F. 2.5 to 3.0 Position error of clamp: +/- 1.5 % of LCD reading <sup>(2)</sup> Add 10 LSD in auto AC/DC sense mode			<b>Temperature Coefficient</b>	0.2 x (specified accuracy)/ °C (<18 °C, >28 °C) / °F (<64.4°F, >82.4°F)
			<b>Vibration Requirement</b>	MIL-PRF-28800F for A Class 2
			<b>Drop Proof</b>	120 cm (4 feet)
			<b>Battery</b>	Two 1.5 V LR44 size button batteries
			<b>Battery Life</b>	20 hours typical
			<b>Low Battery Indication</b>	
			<b>Auto Power Off</b>	Idle for 20 minutes
			<b>Overvoltage Category</b>	CAT III 600 V
			<b>Safety Compliance</b>	IEC/EN 61010-1, IEC/EN 61010-2-030, IEC/EN 61010-2-032
			<b>EMC Compliance</b>	IEC/EN 61326-1
			<b>Agency Approval</b>	
			<b>Dimensions (H x W x L)</b>	147 x 60 x 32 mm (5.8 x 2.4 x 1.3 in)
			<b>Weight</b>	Approximately 140 g (0.31 lb) with batteries installed
			<b>Jaw Opening &amp; Conductor Diameter</b>	25 mm (1.0 in) max.

**Accessories Included:** Carrying case, two 1.5 V LR44 batteries installed and user manual.