PINZA LMA B102
LMA clamp B102

La pinza B102 viene impiegata per la misurazione delle correnti di dispersione.
The B102 clamp is designed for measuring leakage current diverted towards the earth.

La pinza B102 viene impiegata per la **misurazione delle correnti di dispersione**.
Consente di localizzare il guasto o di anticiparlo, senza scollegare le apparecchiature collegate.
È stata realizzata in particolare per individuare le **correnti deboli di guasto** sui circuiti di potenza.

EN The B102 clamp is designed for **measuring leakage current diverted towards the earth**.
It enables the fault to be located or anticipated without disconnecting the equipment linked.
It is specially designed to detect low fault currents on power circuits.

VERSATILE, SEMPLICE NELL'USO E POTENTE

- Utilizzabile su analizzatori della famiglia NanoVIP® senza necessità di alimentazione o amplificazione esterna.
- Progettato per la misura di correnti deboli di dispersione
- Resistente e affidabile
- Le ganasce possono afferrare conduttori fino a 115 mm di diametro.
- Utilizzo su sistemi monofase o trifase, con correnti in fase o non in fase e su circuiti equilibrati o no
- La conformazione ne permette un uso sicuro anche indossando i guanti di sicurezza

VERSATILE, EASY TO USE AND POWERFUL

- Can be used on NanoVIP® family analyzers without the need for external power supply or amplification.
- Designed for the measurement of leakage currents
- Robust and reliable
- The grippers can grip conductors up to 115 mm in diameter.
- used on single or multi-phase systems, with phased or unphased currents and on balanced or unbalanced circuits
- The shape allows a safe use even when wearing safety gloves

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ELECTRICAL SPECIFICATIONS[1]:

Measured range	4A rating: 0,5 mA up to 4A 400A rating: 0,5 mA up to 400A
Operating voltage	600V rms
Overload	2000A DC and 100A AC up to 1kHz
Accuracy and Phase shift	4A rating

Ip	0.5 mA to 10 mA	10 mA to 100 mA	100 mA to 4A
Intrinsic error	3% + 1 mV	0.5 % + 0.5 mV	0.5 % + 0.5 mV
Dephasing	Not specified	< 15°	< 10°

400A rating

Ip	0.5 A to 10A	10A to 100A	100A to 400A
Intrinsic error	0.5% + 0.5 mV	0.35% + 0.5 mV	0.35% + 1 mV
Dephasing	Not specified	< 60'	< 40'

Output/input ratio	1 mV AC / A AC
Overloads	Ip limit current: permanent 400 AC RMS Peak current: < 1000A. Permissible transient di/dt: ≤30 A/µs. Conductor temperature: ≤ 70°C with a maximum peak of 90°C.
Frequency	From 48 Hz to 1 kHz.
[1] Conditions of reference	23 °C ± 5 °K, 20% to 75% RH Continuous external DC magnetic field (earth field) < 40 A/m Absence of external AC magnetic field External electrical field < 1 V/m Position of conductor measured: centred in the measurement coil Shape of measurement coil: quasi-circular Measurement instrument input impedance (oscilloscope) ≥ 1 MΩ Frequency and form of signal measured: 40 to 400 Hz sinusoidal

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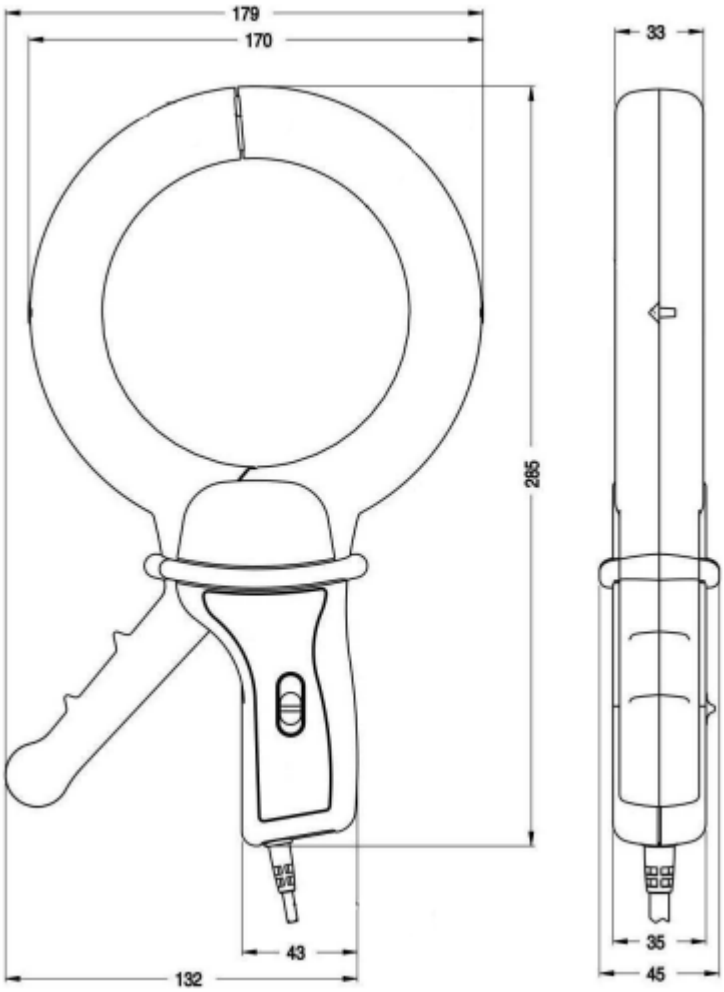
Pinza amperometrica per	
Dimensions	285 x 175 x 45 mm
Weight	1300g
Operating temperature	-10 °C to +55 °C
Storage temperature	-40 °C to +80 °C
Operating altitude	0 to 2000 m (for 600V CAT III)
Clamping capacity:	1 cable Ø 115mm
Self-extinguishing capability	Casing: UL94 V2 Jaws: UL94 V0

SAFETY	
Electrical safety	Class II equipment with double or reinforced insulation between the primary and the secondary (winding connected to the connection cable) as per EN 61010-1 & EN 61010-2-032: - 1000V CAT III, pollution degree 2 - 600V ACT III, pollution degree 2 - Type-B sensor



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