WZ1001
Clamp-on Current Transformer

3-447-026-03
1/3.21

- Safe in compliance with IEC 61010
- Minimal transformation error
- Large jaw opening with 43 mm dia.
- Compact and handy
- Permanently connected safety cable



Application

The clamp-on current transformer allows for the interruption-free measurement of alternating current by enclosing the electrical conductor or busbar.

The clamp-on current transformer is especially suited as accessory for measurements with the clipping multimeter METRALINE DM 61.

Applicable Regulations and Standards

IEC 61010-1 **EN 61010-1** **VDE 0411-1**	Safety requirements for electrical equipment for measurement, control and laboratory use
EN 61010-2-032	Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement
EN 60529 **VDE 0470-1**	Test instruments and test procedures Protection provided by enclosures (IP code)
IEC 61326/EN 61326	Electromagnetic Compatibility (EMC)

Characteristic Values

Nominal primary current	1 ... 1000 A AC
Output signal	1 mA AC / 1 A AC
Transmission ratio Input : output	 1000 : 1
Accuracy / max.error	Class 1 (2.5 VA) (for current range from 1 A to 1000 A, 50 Hz)
Max. operating voltage	CAT III 600 V per IEC 61010
Frequency range	40 Hz ... 1 kHz
Jaw opening / conductor diameter	max. 43 mm
Dimensions (W x H x D)	92 x 39 x 220 mm
Weight	approx. 650 g
Cable length	1.5 m

Standard Equipment

1 Clamp-on current transformer with connection cable and 4 mm safety plugs
1 Operating instructions

Order Information

Description	Type	Article number
Clamp-on current transformer 1000:1	WZ1001	Z194A

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