

Earth clamps CA 6418

Oblong head earth clamp

CHECK THE EARTH LOOPS ON RECTANGULAR BARS CHECK THE EARTH LOOPS

- Loop resistance measurement from 0.01 to 1,200 Ω
- Current measurement from 0.5 mA to 20 A
- Alarms available in Ω and A
- Time-stamped memory for 300 measurements
- Automatic display hold when the clamp is opened
- Automatic air gap calibration
- Recalibration possible without returning to the factory



IP 40

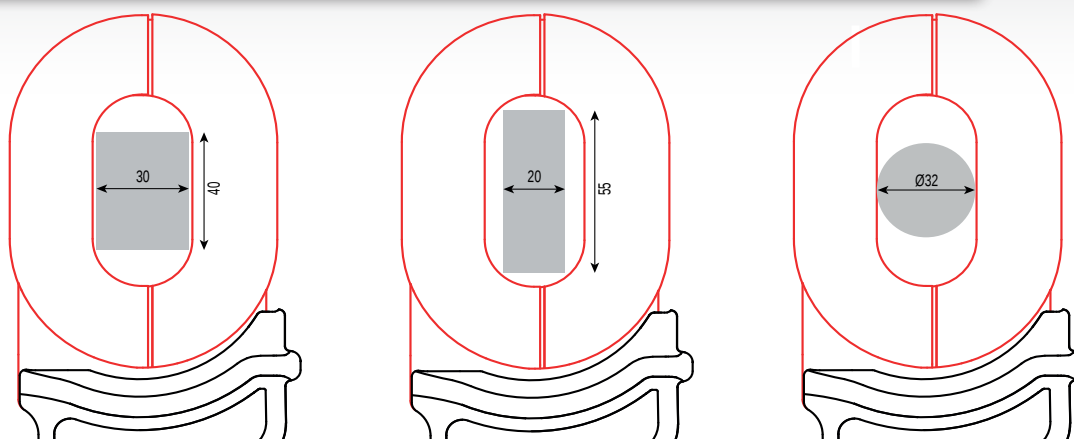
150 V
CAT III

100 V
CAT IV

Measure up



CA 6418 clamp, for clamping all types of earth bars



Technical specifications CA 6418

LOOP OHMMETER

Measurement ranges	0.010 to 0,099 Ω	0.10 to 0,99 Ω	1 to 49,9 Ω	50 to 149 Ω	150 to 245 Ω	250 to 440 Ω	450 to 640 Ω	650 to 1 200 Ω
Resolution	1 m Ω	10 m Ω	100 m Ω	1 Ω	5 Ω	10 Ω	10 Ω	50 Ω
No-load voltage	$\pm (1.5 \%L + 0.01 \Omega)$	$\pm (1.5 \%L + 2 r)$	$\pm (1.5 \%L + 2 r)$	$\pm (2.5 \%L + 2 r)$	$\pm (5 \%L + 2 r)$	$\pm (10 \%L + 2 r)$	$\pm (15 \%L + 2 r)$	$\pm (20 \%L + 2 r)$

AMPEREMETER

Measurement ranges	0.5 to 9.995 mA	10.00 to 99.90 mA	100.0 to 299.0 mA	0.300 to 2.990 A	3.00 to 20.00 A
Resolution	50 μ A	100 μ A	1 mA	10 mA	100 mA
Accuracy	$\pm (2 \%L + 200 \mu A)$	$\pm (2 \%L + r^*)$	$\pm (2 \%L + r)$	$\pm (2 \%L + r)$	$\pm (2 \%L + r)$

SETUP

Alarms	Configurable in Z and I
Buzzer	Active
HOLD	Manual or automatic PRE-Hold
Automatic shutdown	Active / Inactive

General characteristics CA 6418

LOOP OHMMETER

Display	152-segment LCD – Active area 48 x 39 mm
Memory	300 time-stamped measurements
Power	4 x 1.5 V LR06 AA alkaline batteries or 4 x NiMH batteries
Battery life	2,400 measurements of 30 seconds each
Calibration	Automatic at start-up
IEC 61010	100 V CAT IV, 150 V CAT III
WATER RESISTANCE	IP 40
Dimensions	300 x 106 x 56 mm
Weight	Approximately 1.2 kg including batteries

Delivery condition

One CA 6418 delivered with:

- 1 x carrying case
- 4 x 1.5 V batteries
- 1 x wrist strap
- 1 x CD-ROM containing operating instructions
- 1 x quick start guide
- 1 x multilingual safety sheet
- 1 x verification certificate

To order

CA 6418.....P01122118
CL1 calibration loop.....P01122301



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