



## TEST EQUIPMENT RENTAL SERVICES

When you rent Test Equipment from TDC, we want you to know that you will have a dedicated personal service from start to finish. Our Customer Service team is here to support you throughout your rental period.

TDC are independent specialists promoting all high quality manufacturers and instrument types. Equipment can be delivered Next Day or Same Day to suit your requirements.

When you are finished, simply contact us to arrange your equipment collection or alternatively you can despatch it back to us – we make it easy.

## RENTING FROM TDC JUST MAKES SENSE

By using TDC Test Equipment Rental Solutions, you benefit from our extensive rental inventory that is second to none. We constantly refresh our equipment range with branded equipment manufacturers such as Megger, FLUKE, Chauvin Arnoux, OMICRON, FLIR, b2 HVA, Agilent Technologies, Dranetz BMI, Fujikura, JDSU, Ametek Jofra, GE DRUCK, RAE Systems, TSI Airflow, Rohde & Schwarz, NORBAR, PANAMETRICS, Tektronix and many more.

You can utilise our rental equipment to suit your own requirements, from one week to as many months as you need. You only pay for what you use down to the day. Renting with TDC is straightforward and easy. Our expert Sales and Applications Engineers will find the best solution to suit your application.

Delivery & Collection is arranged by us - we make it hassle free and easy.

## TDC 6 POINT RENTAL GUARANTEE - OUR REPUTATION MATTERS



### 1 SAME DAY DISPATCH

Many of our customers operate to very strict deadlines. Providing the order is placed and confirmed before 3pm, your equipment will be despatched the same day.



### 2 QUALITY

All Equipment is checked prior to dispatch to ensure it is servicable and in safe working order. Certification checks are standard.



### 3 SUPPORT

We will provide you with enough information to make an informed choice of the correct equipment required for your application.



### 4 PRICE

We offer a simple price match promise. We'll match any genuine competitor quote.



### 5 CUSTOMER SERVICE

We can promise that throughout your rental period, we will do our utmost to provide you with the best customer service. All information we provide is in good faith and free of charge. We will provide a quote for any consultancy or professional advice that may be required.



### 6 REPUTATION

We know we are only as good as our last job. We don't just want regular customers - we want to build loyal customers.



For all enquiries, please contact: Gordon Thow (Test Equipment Rental Manager)

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## TEST EQUIPMENT RENTAL SERVICES

# CA6418 Earth Ground Tester Oblong Head

## Datasheet



## C.A 6418

Earth clamp with oblong head

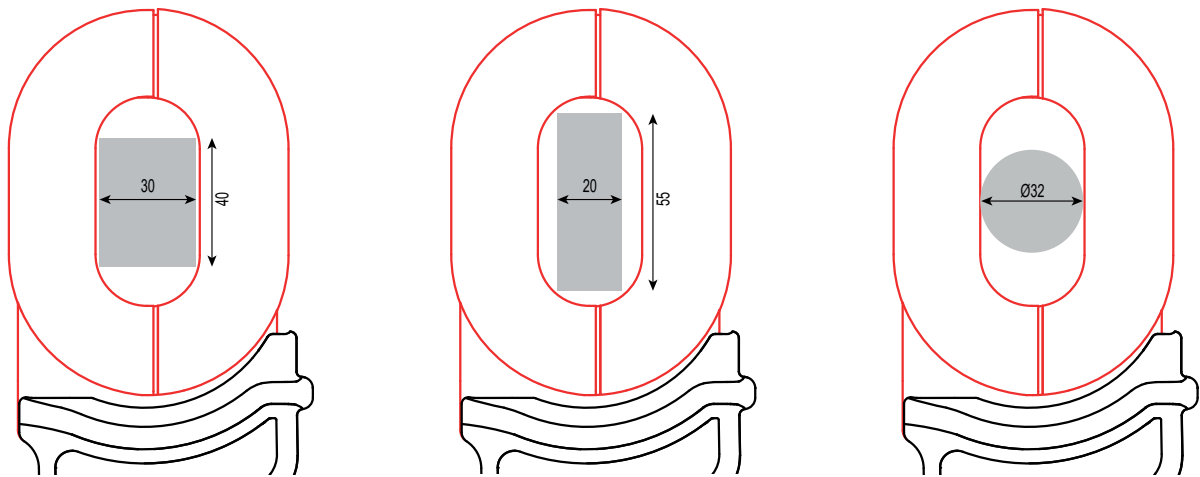


### TEST EARTH LOOPS ON RECTANGULAR BARS

- Loop resistance measurement from 0.01 to 1,200  $\Omega$
- Current measurement from 0.5 mA to 20 A
- Alarms available in  $\Omega$  and A
- Time/date-stamped storage of 300 measurements
- Automatic hold of the display when the clamp is opened
- Automatic calibration of the jaw gap
- Recalibration possible without returning to factory



## C.A 6418 clamp for clamping any type of earth bar



### C.A 6418 technical specifications

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 mΩ	10 mΩ	100 mΩ	1 Ω	5 Ω	10 Ω	10 Ω	50 Ω
Accuracy	± (1.5 %R* + 0.01 Ω)	± (1.5 %R + 2 r)	± (1.5 %R + 2 r)	± (2.5 %R + 2 r)	± (5 %R + 2 r)	± (10 %R + 2 r)	± (15 %R + 2 r)	± (20 %R + 2 r)
No-load voltage	≤ 4.5 mV to 2,083 Hz							
AMMETER								
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 μA	100 μA	1 mA	10 mA	100 mA			
Accuracy	± (2 %R + 200 μA)	± (2 %R + r)	± (2 %R + r)	± (2 %R + r)	± (2 %R + r)			
SETUP								
Alarms	Configurable for Z and I							
Buzzer	Active							
HOLD	Manual or automatic PRE-Hold							
Automatic power-off	Active / Inactive							

### C.A 6418 general specifications

LOOP OHMMETER	
Display	OLED 152 segments – Active area 48 x 39 mm
Storage	300 time/date-stamped measurements
Power supply	4 x 1.5 V LR6 AA alkaline batteries or 4 NiMH batteries
Battery life	2,400 x 30 s measurements
Calibration	Automatic at start-up
IEC 61010	100 V CAT IV , 150 V CAT III
Ingress protection	IP 40
Dimensions	300 x 106 x 56 mm
Weight	1.2 kg approx. including batteries

\* R = Reading, r = resolution

### State at delivery

A C.A 6418 delivered with:

- 1 carrying case
- 4 x 1.5 V batteries
- 1 wrist strap
- 1 CD-Rom containing the user's manuals
- 1 quick startup guide
- 1 multi-language safety datasheet
- 1 verification certificate



### References for ordering

C.A 6418 ..... P01122018  
 CLI calibration loop ..... P01122301



En option

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AC/DC Motors & Generators



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Control Panels



Compressors



Auxiliary Power Systems

To differentiate our organisation in order to achieve continuous, sustainable growth, TDC endeavours to fully understand and exceed the expectations of our customers, and to work proactively to deliver **Engineering Excellence.**



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