



## CA 6528 digital insulation tester

	CA 6528
Reference	P01140838
Voltage	
Measurement range / resolution	1-700V / 1V
Accuracy / input impedance	±1.2% reading ± 1pt in AC+DC ; ±1% reading ± 1 ct in DC / 25 MΩ
Operating frequency	DC; 30-440 Hz
Insulation	
Test voltage	250-500-1000 V
Range at maximum test voltage	11 GΩ
Measurement range	250 V : 50 kΩ - 4.2 GΩ / 500 V : 100 kΩ - 4.2 GΩ / 1,000 V : 200 kΩ - 11 GΩ
Measurement range / resolution	50 kΩ - 3.999 / 1kΩ; (0.2)1 3.6-39.99 MΩ / 10 kΩ; 36-399.9 MΩ / 100 kΩ; 360-4,200 MΩ / 1 MΩ; (1kV) 3.6 - 11.00 GΩ / 10 MΩ
Accuracy	0.05-399.9 MΩ: ±1.5% reading ± 10 cts; 360 -4,200 MΩ: ±4% reading ± 10pt; ±4% reading ± 5 cts (at 1,000V); 3.6-11 GΩ: ±10% reading ± 10 cts
Timer (min:s)	10 s to 39 min 59 s
Alarms	1 threshold / test voltage
Continuity	
Measurement range	0.02 Ω - 40 Ω (200 mA)
Accuracy / Open-circuit voltage	±1.2% reading ±3 cts / 6 VDC < U < 9 VDC
Measurement current	≥ 200 mA (up to 2 Ω)
Continuity thresholds (fast beep)	2 Ω / 1 Ω
Cable compensation	up to 5 Ω
Resistance	
Measurement range / resolution	1 -399.9 Ω / 0.1 Ω -360-2 999 Ω / 1 Ω - 3.60-39.99 kΩ / 10 Ω - 36.0-420.0 kΩ / 100Ω
Accuracy	±1.2% reading ± 3 cts
General specifications	
Display	2 x 4,000 cts
Power supply / Auto power-off	6 x LR 6 or AA batteries / 10 min, deactivatable
Battery life	1,000 measurements: at 1 MΩ @ 1 kV (5 s ON / 25 s OFF) ; >3,000 continuity measurements (5 s ON / 25 s OFF) at 1 Ω
Dimensions / weight / IP rating	218 x 95 x 63 mm / 760 g / IP 40
EMC / Electrical safety	IEC 61326-1 / IEC 61010-1, IEC 61010-2-030 and IEC 61010-2-034 / 600V CAT IV
Compliance with standards	IEC 61557 parts 1, 2, 4 and 10



NEW PRODUCT\*

1000 V  
CAT III

600 V  
CAT IV

IP  
40

### State at delivery

CA 6528 delivered in a hands-free bag containing: 2 safety leads - 1 red and 1 black, 1 red crocodile clip, 1 black test probe, 1 protective sheath mounted on the instrument, 6 x LR6 or AA batteries, 1 safety datasheet, 1 quick start-up guide, 1 verification certificate

### Accessories and replacement parts

Set of red and black 1.5 m safety leads .....	P01295289Z
Red + black crocodile clips .....	P01295457Z
Red + black test probes.....	P01295454Z
Continuity rod.....	P01102084A

\*Available soon

## CA 6011 installation tester

- Dedicated to testing the continuity of protective earth conductors
- Double configuration: built-in continuity tester on the reeling box and remote continuity tester on wrist

300 V  
CAT III

IP  
40



IEC  
61557-4



### State at delivery

CA 6011 KIT delivered with: 1 elastic strap for fastening the measurement unit to your wrist, 1 waist belt + 1 shoulder strap, 1 "Cable Reeler No. 01" with 1 green PVC cable 30 m long, 1 black PVC spiral cable 3.5 m long, 1 green crocodile clip with Ø 4 mm banana socket, 1 moulded black test probe, 1 green PVC cable 0.50 m long, 1 set of 4 x 1.5 V LR06 alkaline batteries

### Accessories and replacement parts

Cable reeler no. 1 30m .....	P01295492
Continuity rod.....	P01102084A

	CA 6011
Reference	P01299926
Display	2,000 counts with 2-colour backlighting
Continuity	
Measurement range	0,00 Ω to 2,00 Ω   2,00 Ω to 20,00 Ω
Resolution	10 mΩ
Measurement current	200 mA   20 mA
Open-circuit voltage	with automatic polarity reversal
Resistance	±(4 VDC < U < 6 VDC)
Measurement range	1,0 Ω to 200,0 Ω
Resolution	100 mΩ
Measurement current	10 mA
Open-circuit voltage	±(4 VDC < U < 6 VDC)
Continuity threshold	Programmable, 1Ω or 2Ω
Cable resistance compensation	Yes
Indication of test conformity/ non-conformity	Configurable: visual, audible and/or vibrating
Compliance with standards	IEC 61557-1 & IEC 61557-4 IEC 61010-1, IEC 61010-2-030 300V CAT IV
Automatic standby mode	10 minutes / deactivatable
Battery life	30,000 measurements in real use 4,500 as per IEC 61557-4 protocol
Power supply	4 x 1.5 V AA/LR6 batteries
Dimensions (instrument+reeler)	225 x 185 x 135 mm
Weight	CA 6011 alone: 350g Reeler with 30 m cable: 1.2 kg