beha-amprobe.com



2100 Series Two Pole Voltage Testers

2100-Alpha | 2100-Beta | 2100-Gamma

The Beha-Amprobe 2100-Alpha, 2100-Beta and 2100-Gamma are rugged and reliable two pole voltage testers for voltage and continuity checks. Built tough for use in industrial and commercial environments, the 2100 Series is safety rated up to CAT III 1000 V / CAT IV 600 V and measures voltage range up to 1000 V AC and 1200 V DC (2100-Gamma only). Designed with reinforced components for dependable performance, the 2100 Series has an ingress protection degree of IP 64 and is built according to voltage tester standard EN 61243-3:2014 and is GS approved.





2100 Series Features

- Colored LED display to make different voltage levels more visible
- Automatic AC/DC voltage detection with polarity indication
- Voltage test up to 1000 V AC / 1200 V DC (2100-Gamma)
- Switchable load and 10 mA or 30 mA RCD trip test with two push buttons
- Automatic continuity test with visual (LED)
- Low resistance indication to check wiring in contactor and relay application without influence of the coils (2100-Gamma)
- Single pole test to check phase polarity
- **Two pole phase rotation indication** with indicator for right and left rotation
- Robust, double insulated cable with wear indication shows when the test leads are excessively worn or damaged and need replacement
- Backlight (2100-Beta/2100-Gamma)
- Torch light / measurement area illumination for working in poorly lit areas
- Audible indication when detected voltages above 50 V AC and 120 V DC
- Auto power ON/OFF and ON/OFF button
- Non contact cable break detector / EF (electric field)
- Resistance measurement to 1999 ohms (2100-Gamma)
- Data Hold (2100-Beta/2100-Gamma)
- IP 64 splash and dust proof
- **GS approved**, built according to IEC 61243-3:2014, EN 61243-3:2014, DIN VDE 0682-401:2015
- Safety rated CAT IV 600 V / CAT III 690 (CAT III 1000 V 2100-Gamma)



Beha-Amprobe® Division of Fluke Corp. (USA) c/o Fluke Europe BV

In den Engematten 14 rp. (USA) 79286 Glottertal, Germany Tel. +49 (0) 7684 - 8009-0 info@beha-amprobe.de beha-amprobe.de Science Park Eindhoven 5110 NL-5692 EC Son The Netherlands Tel. +31 (0) 40 267 51 00 beha-amprobe.com Beha-Amprobe 52 Huricanne Way NR6 6 JB United Kingdom info@beha-amprobe.co.uk beha-amprobe.com





Two Button Switchable Load/ RCD Trip Test

When the two buttons are not pressed the unit is in high impedance mode, providing additional safety protection when testing live power sources, and avoiding accidental tripping of residual-current devices (RCD). When the buttons are pressed the unit is in low impedance mode, eliminating inaccurate readings as result of ghost voltage. Additionally, in systems with RCDs you can press the buttons to intentionally trip 10 mA or 30 mA RCDs and determine if they are wired correctly.



Long, durable test leads with wear indicator

Extra-long 1.5 m test leads make testing fast and convenient. The two pole tester's rugged, durable test leads have two layers of insulation for added durability and safety. If the inner, contrasting-colored layer is showing, that's a sign that the test leads require replacement.



Store the 4 mm test probe extensions and GS38 protective probe caps, ensuring you always have them when needed. The test probe protector cover tip also helps to open UK electrical safety outlets.





Quick Guide

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Features:	2100-Alpha	2100-Beta	2100-Gamma
Safety Rating (measurement category)	CAT III 690 / CAT IV 600	CAT III 690 / CAT IV 600	CAT III 1000 / CAT IV 600
Voltage Test	•	•	•
Voltage Indication - LCD		6 - 690 V AC/DC	6 - 1000 V AC, 6 - 1200 V DC
Voltage Indication - LED	12 - 690 V AC/DC	12 - 690 V AC/DC	12 - ≥690 V AC/DC
Continuity Test (visual and audible indication)	< 500 kΩ	< 500 kΩ	< 500 kΩ
RCD Trip Test (10 mA or 30 mA)	•	•	•
Single Pole Phase Test	•	•	•
Full Range Polarity Detection	•	•	•
Two Pole Phase Rotation Indication	Right/Left	Right/Left	Right/Left
IP 64 Splash and Dust Proof	•	•	•
Backlight		•	•
Torch Light/Measurement Area Illumination	•	•	•
Double Insulated Cable with Wear Indication	•	•	•
4 mm Test Probe Extensions (screwable) and protective probe caps GS38	•	•	•
Data Hold Function		•	•
Resistance Measurement			01999 Ω
Low Resistance Indication			Sound < 10 Ω
Non contact cable break detector / EF (electric field)			•

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2100 Series Specifications

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