

# Faultsman`s Multimeter Tester SA9083



## Features

- Large, easy to read dial
- Measuring ranges arranged for operator sequence testing
- Line Reversal B-A Switch
- Water and Shock Resistant ABS Plastic Case
- Meter/Battery Check

## Types of Test

- AC volts across the pair / on either leg
- DC volts across the pair / on either leg
- Battery contacts, either leg
- Earth contacts, either leg
- Short circuits rectified or not
- Disconnection, one or both legs
- Ballistic test (capacitor discharge)
- Insulation Resistance

## Benefits

- Cost Effective Design
  - Ease of Use
  - Enables identification of telephone / line jack capacitor and estimation of line length
  - Long Working Life
  - Two Year Warranty
- Supplied Complete with:
- Robust Carrying Case
  - Set of Test Leads and Probes

## Description

The Tester SA9083 is a battery powered, multi-range, analogue portable instrument. It is primarily intended for use by faultsman for maintenance testing of telecommunication lines and equipment, subscriber installations connected to exchanges where faultsman do not have access to a test desk, or where the testing equipment at the local exchange is not staffed during normal working hours. It has three input terminals, a range selector switch and a dual purpose push-button reversing switch (B-A changeover/test cell).

## Specifications

<u>Ranges</u>		<u>Accuracy</u>	
Range 1	0-250V AC	Generally	to IEC51-7
Range 2	Battery test B (50V DC)	DC ranges	± 2.5%
Range 3	Earth test B (3k -3M )	AC ranges	± 2.5%
Range 4	Ohms x 100 (3k -3M )	Resistance ranges	± 10%
Range 5	Ohms Loop (3k -3M )		
Range 6	0-250V DC	<u>Electromagnetic Compatibility (EMC)</u>	
Range 7	0-50V DC	Emissions	Bs6527 (En55022) class B
Range 8	0-5V DC	Susceptibility	IEC801 Parts 2,3 & 4 (EN50082-1)
Range 9	0-5A DC	Two Class Index variation	
Range 10	0-500mA DC		
Range 11	0-50mA DC	<u>Dimensions</u>	
Range 12	Mega Ohms (5k -5M )	Height x Width x Depth	150 x 98 x 70 mm
		<u>Weight</u>	
<u>Ingress Protection</u>	IP54		365 g nett

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