

MARTINDALE
● ● ● **ELECTRIC**

Specification
HPAT600
HandyPAT



Earth Continuity

Test voltage: 4V DC (into open circuit)

Test current: 200mA DC (into short circuit)

Range: 0 - 19.99 Ω

Resolution: 0.01 Ω

Accuracy: \pm (5% reading + 2 digits)

Default pass levels:

Lead: \leq 0.1 Ω

Class I: \leq 0.1 Ω

User selectable pass levels:

\leq 0.1 Ω to \leq 0.9 Ω in 0.1 Ω steps

Insulation

Default test voltage:

>500V DC at 1mA (< 600V DC into open circuit)

User selectable test voltage:

>250V DC at 1mA (< 300V DC into open circuit)

Test current: 1.5mA (into short circuit)

Ranges: 2.00M Ω , 20.0M Ω , 200M Ω

Resolution: 0.01M Ω

Accuracy: <100M Ω \pm (5% reading + 2 digits)

\geq 100M Ω \pm (10% reading + 2 digits)

Default pass level:

Lead: \geq 1 M Ω

Class I: \geq 1 M Ω

Class II: \geq 2 M Ω

User selectable pass levels:

\geq 0.3 M Ω to \geq 1 M Ω in 0.1 M Ω steps

\geq 1 M Ω to \geq 10 M Ω in 1 M Ω steps

Fuse Check

Test voltage: 4V DC (into open circuit)

Test current: 200mA DC (into short circuit)

Pass level: >2mA

Simulated Load Test

Test voltage: 4V DC (into open circuit)

Test current: 200mA DC (into short circuit)

Accuracy (referenced to 230V rms):

\pm (5% reading + 2 digits)

Threshold for 'Simulated Current Hi': 16A

Memory

Completed test types that can be stored: 200

General

Overload protection: 300V AC/DC

Protection class: IP20

Safety: Complies to BS EN 61010-1: 2001

Temperature Range: -10 to 40°C, non-condensing

Batteries: 6 x 1.2V AA NiMH rechargeable batteries
1800mAh, or greater

Caution - use only the battery type specified

Battery Life: Fully charged, minimum 600 complete tests, stored to memory. The HPAT600 will operate fully from the battery charger in the event of discharged batteries. Do not remove batteries.

Auto Power Down:

After 10 minutes of inactivity, or when battery low

Battery Charger:

Input: 230V 50Hz

Output: 12VDC at 300mA, 5.5 jack x 2.5 bore centre positive

Dimensions: 90 x 210 x 54mm

Weight: Approx 700g (including batteries & leads)