



Specification
HPAT600/2
HandyPAT



Earth Continuity

Test voltage: 4V DC (into open circuit)
Test current: 200mA DC (into short circuit)
Range: 0 - 19.99Ω
Resolution: 0.01Ω
Accuracy: ± (5% reading + 2 digits)
Default pass levels:
 Lead: ≤0.1Ω
 Class I: ≤0.1Ω
User selectable pass levels:
 ≤0.1Ω to ≤0.9Ω in 0.1Ω steps

Insulation

Default test voltage:
 >500V DC at 1mA (< 625V DC into open circuit)
User selectable test voltage:
 >250V DC at 1mA (< 312.5V DC into open circuit)
Test current: 1.5mA (into short circuit)
Ranges: 2.00MΩ , 20.0MΩ , 200MΩ
Resolution: 0.01MΩ
Accuracy: <100MΩ ± (5% reading + 2 digits)
 ≥100MΩ ± (10% reading + 2 digits)
Default pass level:
 Lead: ≥ 1 MΩ
 Class I: ≥ 1 MΩ
 Class II: ≥ 2 MΩ
User selectable pass levels:
 ≥0.3 MΩ to ≥1 MΩ in 0.1 MΩ steps
 ≥1 MΩ to ≥10 MΩ in 1 MΩ steps
Fuse Check
Test voltage: 4V DC (into open circuit)
Test current: 200mA DC (into short circuit)
Pass level: >2mA
Simulated Load Test



Specification
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Test voltage: 4V DC (into open circuit)
Test current: 200mA DC (into short circuit)
Accuracy (referenced to 230V rms):
 ± (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
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)

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