

EasyPAT2100 dual voltage pat



SPECIFICATIONS

CASE

Size: 330 x 263 x 144mm Weight: 5.1kg nominal

TEMPERATURE

Operating: 0° to +35°C Storage: -10° to +50°C

SUPPLY

Voltage: 110V/240V ±10% 50/60Hz

Power Consumption: 10/220V A (excluding run)

EARTH CONTINUITY TEST (8A)

Test Voltage: 6V a.c. nominal with no load

Test Current: 8A a.c. nom @ 0.1Ω . 5A a.c. nom@ 0.5Ω

 $\textbf{Range:} \ 0\text{-}1.99\Omega$

Accuracy: ±10% of reading ±2 digits

EARTH CONTINUITY TEST (25A)

Test Voltage: 6V a.c. nominal with no load

Test Current: 25A a.c. nom @ 0.1Ω . 10A a.c. nom @ 0.5Ω

Range: $0-1.99\Omega$

Accuracy: ±10% of reading ±2 digits

EARTH SCREEN TEST (100mA)

Test Voltage: 130mV d.c. nominal open circuit **Test Current:** 100mA d.c. nominal constant current

Range: $0-1.99\Omega$

Accuracy: ±10% of reading ±1 digit

SPECIFICATIONS

INSULATION TEST

Test Voltage: 500V d.c., -0%, +20%, at $2M\Omega$ and $7M\Omega$

Short Circuit Current: 1mA d.c. nominal

Display Range: $0-19.9M\Omega$

Accuracy of Indication: ±5% of reading ±1 digit

RUN CURRENT TEST

Range: 0-19.9A Accuracy: ±10% of reading ±1 digit

EARTH LEAKAGE TEST

Range: 0 - 19.9mA Accuracy: ±10% of reading ±1 digit

FLASH TEST

Test Voltage: 1.5kV a.c. - Class I. 3.0kV a.c. - Class II

Display Range: 0-19.9mA a.c.

Usable Range: 0-3mA a.c. (current trip @ 4mA nominal)

(short circuit current 5mA nominal) **Accuracy:** ±5% of reading ±1 digit

LEADS

Mains: 1.5 metre fixed lead with a 13A moulded plug. Earth Continuity: 1.5 metre long, detachable lead with a

heavy duty, shrouded crocodile clip.

Flash Gun: A safety gun, giving extra user protection for flash testing. Compatible with the EasyPAT and MicroPAT. 4mm socket. **110/240V Adaptor:** 110V 16A plug (BS4343) to 240V 13A free

socket (BS1363)

SOCKETS

Mains: 240V 13A to BS1363. 110V 16A to BS4343.

Flash: 4mm high voltage safety socket

LAMPS

Flash: Neon lamp which illuminates when flash test is active. **Over Temperature:** Red LED which illuminates when the

temperature limit of the instrument is exceeded.

FUSES

Front Panel: 16A (FF), 1.25", HBC, ceramic

Plug: 13A, 1", HBC, ceramic

Internal: 3.15A (F), 5 x 20mm, HBC, ceramic

DISPLAY

LCD: 0.7" high, 2½ digit LCD with annunciators to indicates supply voltage of the mains and units of measurement in use.

Due to policy of continuous development, Martindale Electric reserves the right to alter equipment specification and description outlined in this document without prior notice. No part of this document shall be deemed to be part of any contract for the equipment unless specifically referred to as an inclusion within such contract.

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