



# KT73 Plus: Specification

## Earth Bond

Open circuit voltage	8V rms nom.
Current into 0.10 Ω	25A or 10A
Displayed values	0.00 to 1.00 Ω, >2 Ω
Accuracy	5% rdg ± 2 digits, >1 Ω 10% ± 2 digits
Pass/Fail thresholds	0.1 to 0.9 Ω (0.1 Ω steps), 2 Ω
Test time	5s

## Earth Bond – IT Equipment

Open circuit voltage	100mV nom.
Current into short circuit	100mA
Displayed Values	0.00 to 1.99 Ω, >2 Ω
Accuracy	5% rdg ± 2 digits, >1 Ω 10% ± 2 digits
Pass/Fail thresholds	0.1 to 0.9 Ω (in 0.1 Ω steps), >2 Ω
Test time	5s



## Lead/Fuse Continuity

Open circuit voltage	8V rms nom
Displayed values	PASS/FAIL
Pass/Fail threshold	39k Ω approx
Test time	5s

## PN-E Insulation

Test voltage into 0.5MΩ	250V or 500V DC (into 0.5MΩ load)
Displayed values	0.1 to 19.99MΩ, >20mΩ
Accuracy	500V – 5% rdg ± 2 digits, >10MΩ 10% ± 2 digits
Pass/Fail thresholds	0.2, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, MΩ
Test time	10s

## Load/Leakage Tests – Pre-test

Open circuit voltage	8V rms nom.
Pass/fail thresholds	230V: 8kVa P-N; 110V: 3.6kVA P-N

## Run/Leakage

Pass/fail thresholds (load)	0.5, 1.0, 1.5, 1.8, 2.0, 2.5, 3.2, 4.0 kVA
Displayed values	0.1 to 3.9kVA, >4kVA
Accuracy	5% rdg ± 2 digits
Pass/fail thresholds (leak)	0.3,0.8,1.0,2.0,3.0,90 mA
Displayed values	0.1 to 9.9mA, >10mA
Accuracy	5% rdg ± 2 digits
Test time	2s to 60s programmable, 10s default

All values given are defined at nominal mains input.