

Test report for electrical equipment

Repeat test under DGUV Regulation 3 and DIN EN 50699 (VDE 0702)

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Company / site	Inventory no.	Equipment / name
Manufacturer / type	Protection class (I / II / III)	Test device (type, calibrated until)

VISUAL INSPECTION

	OK	Not OK	N/A
Housing undamaged, protective covers complete	☐	☐	☐
Supply cord undamaged, kink protection and strain relief effective	☐	☐	☐
Plug and coupler undamaged, contacts not bent or discoloured	☐	☐	☐
Rating plate legible, labelling present	☐	☐	☐
No signs of improper repair, overload or moisture	☐	☐	☐
Switches, controls and ventilation openings in order	☐	☐	☐

MEASUREMENTS

Measurement	Limit value	Measured value	Result
Protective conductor resistance R PE (protection class I)	$\leq 0.3 \Omega$ up to 5 m cable, + 0.1 Ω per further 7.5 m, max. 1 Ω		
Insulation resistance R ISO	PC I: $\geq 1 \text{ M}\Omega$ · PC II: $\geq 2 \text{ M}\Omega$ · PC III: $\geq 0.25 \text{ M}\Omega$		
Protective conductor current I PE (protection class I)	$\leq 3.5 \text{ mA}$ (devices with heating $\leq 1 \text{ mA/kW}$, max. 10 mA)		
Touch current I B (protection class II)	$\leq 0.5 \text{ mA}$		

FUNCTIONAL TEST

	OK	Not OK	N/A
Equipment works as intended	☐	☐	☐
Switches and protective devices effective	☐	☐	☐

Overall result (passed / failed)	Next test date	Test sticker attached (yes / no)
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Defects found and measures taken (withdraw failed devices from use immediately and label them)

Test by a qualified electrician or an electrically instructed person under the direction and supervision of a qualified electrician, using a suitable test device. Limit values according to DIN EN 50699; observe the manufacturer's information and special features of the equipment. Keep the record at least until the next test (Section 17 BetrSichV).

Date, name and signature of tester	Date, signature of responsible qualified electrician
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