



**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
IEC 60927, Edition 3 (2007) – A1/2013**

Auxiliaries for lamps – Starting devices (other than glow starters) – Performance requirements

- “R” Required
- “S” May be subcontracted, see OD 2012
- “SF” Specialized Facility, see IECEE 02-2
- “W” Witness testing in the categories “MED” and “MEAS”
- “3PPS” Three Phase Power Supply required

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
6.1.4	Starters having a mechanical switching element	Ammeter, voltmeter, timer, substitution resistor or deactivated lamp, test circuit according to Figure 1, oscilloscope with high voltage probe or static voltmeter	R
6.1.5	Starters having an electronic switching element	Voltmeter, substitution resistor, oscilloscope	R
6.1.6	Non-reoperating level	Lamp, ballast, ammeter, voltmeter, timer	R
6.1.7	Maximum pre-heat current (lamp fails to start)	Deactivated lamp or two lamps, voltmeter, ammeter, timer	R
6.1.8	Interruption of starter function	Deactivated lamp or two lamps, timer, voltmeter	R
6.2	Endurance test	Thermometer, counter, timer, ballast, lamp	R
6.3	Deactivated lamp test	Substitution resistor or deactivated lamp, timer, climate chamber, voltmeter	R
7.1.4	Switching speed	Voltmeter, timer	R
7.1.5	Pulse voltage	Test circuit according to Figure 1, voltmeter, oscilloscope with high voltage probe or static voltmeter	R
7.3	Endurance	Timer, voltmeter, load capacitance, ballast, test oven, climate chamber, counter, timer	R