



PERMANENT DOCUMENT

**ENEC 303
Annex I**

**Annex I
to Routine Test Requirements for manufacturers
(as per Article 9 of the Agreement)
Starting devices (other than glow starters) covered by
EN 61347-2-1 (safety) – EN 60927 (performance)**

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Annex I to PD ENEC 303

Starting devices (other than glow starters) covered by EN 61347-2-1 (safety) – EN 60927 (performance)

1 ROUTINE TESTS (100%)

1.1 Visual check of marking and workmanship *)

1.2*) Voltage test applied for a period of 1 second between live parts and the body as indicated in the following table:

Operating voltage	Test voltage
Less than or equal to 24 V	500 V
More than 24 V but less than or equal to 1000 V	$2 U + 1000 V$

1.3 **) Earth continuity

In a circuit with an input between 6 and 12 V AC a current of 25 A (or 10 A as alternative) has to pass between the earthing terminal or earthing contact and each accessible metallic part that may become live in case of insulation defect.

Under any circumstances, the contact resistance must not exceed 0.5 Ω .

1.4 **) Functional test checking of peak voltage

2 PERIODIC TESTS

2.1 Endurance test (at least once every two years)

This test shall be carried out on a sample of each series/family (same basic construction).

2.2 Terminals, screws, current-carrying parts and connections (at least once a year)

2.3 Protection against accidental contact with live parts and creepage distances and clearances measurement (at least once a year)

*) Workmanship means:

Completeness of product, all parts correctly mounted, without visible defects, no sharp edges which may cause damage or injuries.

**) if applicable.