



**PERMANENT DOCUMENT**

**ENEC 303  
Annex BC**

**Annex BC  
to Routine Test Requirements for manufacturers  
(as per Article 9 of the Agreement)**

**Low-voltage fuses**

- Part 1: General requirements EN 60269-1**
- Part 4: Supplementary requirements for fuse-links for the protection of semiconductor device EN 60269-4**
- Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems EN 60269-6**

Note: Editorial changes have been added to the version published in February 2019

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# Annex BC to PD ENEC 303

## Low-voltage fuses

**Part 1: General requirements EN 60269-1**

**Part 4: Supplementary requirements for fuse-links for the protection of semiconductor device EN 60269-4**

**Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems EN 60269-6**

### 1.1 ROUTINE TESTS (100%) for EN 60269-4

Clause 6 Markings

Clause 8.1.5.1 Resistance of Fuse links

Annex CC Dimensions

### 1.2 ROUTINE TESTS (100%) for EN 60269-6

Clause 6 Markings

Clause 6.2 Markings on fuse-links

Clause 8.1.5.1 Resistance of Fuse links

Annex AA Dimensions

### 2.1 PERIODIC TESTS for EN 60269-4

Description	Subclause of EN 60269-1 and EN 60269-4	Quantity of samples to be tested	Test Frequency
Temperature Rise and Power Dissipation	8.3	+	++
Time Current Characteristics	8.4.3.3	+	S
+ - Sample quantity is 2 for 0-800A and 1 for ratings above 800A			
++ - Test frequency is Quarterly for 0-600A Annually for ratings above 600A			
S - Tested Semi-Annually			

### 2.2 PERIODIC TESTS for EN 60269-6

Description	Subclause of EN 60269-1 and EN 60269-6	Quantity of samples to be tested	Test Frequency
Temperature Rise and Power Dissipation	8.3	+	++
Conventional fusing current	8.4.3.1	+	++
+ - Sample quantity is 2 for 0-800A and 1 for ratings above 800A			
++ - Test frequency is Quarterly for 0-600A Annually for ratings above 600A			