



FEDERAZIONE NAZIONALE  
IMPRESE ELETTROTECNICHE  
ED ELETTRONICHE



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## **ANIE POSITION ABOUT STANDARDS FOR CAPACITORS**

**Standard EN 60252-1: Motor capacitors. Part 1: General – Performance, testing and rating – Safety requirements – Guidance for installation and operation**

**Standard EN 60335-1: Household and similar electrical appliances – Safety. Part 1: General requirements**

The Standard 60252 was recently updated. The new standard currently in force is EN 60252-1: 2011 + A1: 2013; IEC 60252-1 (ed.2); am1.

The Amendment A1:2013 introduces the classes S0, S1, S2 and S3 subdividing the previous class P2 into classes S2 (the previous P2) and S3 (new class of security provided only for capacitors with segmented film). For capacitors S3 with segmented film, it was provided than in the past a new proof of destruction.

For this reason, **all capacitors with segmented film has to be re-certified by the certifying bodies. Given the new standard, at today capacitors with segmented film cannot be marked in class P2.**

The Technical Committee 61, reference for the standard 60335-1, took note of the change of the standard 60252. In a meeting it was discussed the document 61/4766/DC which will proceed as CDV to be submitted to approval of the member countries.

The document proposes to replace the old class P2 with the new classes S2 or S3 in compliance with standard 60335-1.