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AS/NZS 61048:2002 Auxiliaries for lamps - Capacitors for use in tubular fluorescent and other discharge lamp circuits - General and safety requirements

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Abbreviation

AS/NZS 61048:2002

Valid from

26/08/2002

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Standards New Zealand

Author

Standards New Zealand, Standards Australia

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Cited By

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Description

This Standard specifies the general and safety requirement for capacitors up to 2.5 kVAR having a rated voltage up to 1000 V intended for discharge lamp circuits operating at 50/60 Hz. This Standard is reproduced from IEC 61048 and varied for Australian/New Zealand conditions.

Scope

This International standard states the requirements for both self-healing and non-self-healing continuously rated a.c. capacitors of up to and including 2,5 kvar, and not less than 0,1 μ F, having a rated voltage not exceeding 1 000 V, which is intended for use in discharge lamp circuits operating at 50 Hz or 60 Hz and at altitudes up to 3000 m.

It covers capacitors intended for connection in shunt or in series with the lamp circuit or an effective combination of these.

It covers only impregnated or unimpregnated capacitors, having a dielectric of paper, plastic film or a combination of both, either metalized or with metal foil electrodes.

This standard does not cover radio-interference suppressor capacitors the requirements for which are found in IEC 60384-14.

Tests given in this standard are type tests. Requirements for testing individual capacitors during production are not included.

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