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AS/NZS 3947.3:2001 Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units

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Abbreviation

AS/NZS 3947.3:2001

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Author

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Description

This standard applies to switches, disconnectors, switch-disconnectors and fuse-combination units to be used in distribution circuits and motor circuits of which the rated voltage does not exceed 1 000 V a.c. or 1 500 V d.c.

This Standard specifies characteristics of equipment, conditions with which the equipment shall comply with reference to operation and behaviour in normal service and specified abnormal conditions and dielectric properties, tests for confirming that these conditions have been met and the methods to be adopted for these tests and the information to be marked on the equipment or supplied by the manufacturer.

This Standard is identical to and reproduced from IEC 60947-3:1999 and includes variations made to this document by its Corrigendum:1999/07 and Amendment 1:2001.

Scope

The manufacturer shall specify the type, ratings and characteristics according to the relevant standard of any incorporated fuses.

This standard does not apply to equipment coming within the scope of IEC 60947-2, IEC 60947-4-1 and IEC 60947-5-1; however, when switches and fuse-combination units coming into the scope of this standard are normally used to start, accelerate and/or stop an individual motor they shall also comply with the additional requirements given in annex A.

Auxiliary switches fitted to equipment within the scope of this standard shall comply with the requirements of IEC 60947-5-1. This standard does not include the additional requirements necessary for electrical apparatus for explosive gas atmospheres.

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