



NSAI
Standards

Irish Standard
I.S. EN 50425:2008

Switches for household and similar
fixed electrical installations -
Collateral standard - Fireman's
switches for exterior and interior
signs and luminaires

I.S. EN 50425:2008

Incorporating amendments/corrigenda issued since publication:

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Údarás um Chaighdeáin Náisiúnta na hÉireann

**Switches for household and similar fixed electrical installations -
Collateral standard -
Fireman's switches for exterior and interior signs and luminaires**

Interrupteurs pour installations électriques
fixes domestiques et analogues -
Norme collatérale -
Interrupteurs pompiers
pour enseignes lumineuses
et luminaires extérieurs et intérieurs

Schalter für Haushalt und ähnliche
ortsfeste elektrische Installationen -
Kollaterale Norm -
Feuerwehrschafter für äußere
und innere Anzeigen und Leuchten

This European Standard was approved by CENELEC on 2007-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard has been prepared by the Technical Committee CENELEC TC 23BX, D.C. plugs and socket outlets and switches for household and similar fixed electrical installations.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50425 on 2007-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2010-10-01

This European Standard has to be used in conjunction with EN 60669-1:1999 *Switches for household and similar fixed-electrical installations - Part 1: General requirements*. It lists the additional changes necessary to convert it into the European Standard *Switches for household and similar fixed electrical installations - Collateral standard – Fireman's switches for exterior and interior signs and luminaries*.

When this standard states 'addition', 'modification' or 'replacement' to Part 1, the relevant text of EN 60669-1:1999 is to be adapted accordingly.

NOTE The subclauses, tables and figures that are numbered starting from 101 are additional to those in EN 60669-1:1999.

1 Scope

This clause of Part 1 applies with the following modifications:

Replacement of the first paragraph:

This collateral standard applies to fireman's switches used for the breaking of the low voltage circuits for exterior and interior signs and luminaires e.g. neon signs for a.c. only with a rated voltage not exceeding 440 V and a rated current not exceeding 125 A.

NOTE 1 The working voltage for the signs and luminous-discharge-tube installations is higher than 1 kV but lower than 10 kV and these should be in accordance with EN 50107 series.

Renumbering of the subsequent notes.

Replacement of the 6th paragraph and the new Note 6 by:

Fireman's switches complying with this standard are suitable for use between –20 °C and +70 °C.

NOTE 6 Fireman's switches are designed for overvoltage category III and used in environment of pollution degree 2 according to EN 60664-1.

2 Normative references

See Annex ZA.

3 Definitions

This clause of Part 1 applies with the following addition:

Additional new definition:

3.101

fireman's switch

switch for emergency disconnection of lighting installations

4 General requirements

This clause of Part 1 applies.

5 General notes on tests

This clause of Part 1 applies.

6 Ratings

This clause of Part 1 applies with the following modifications:

6.2 *Deletion in the first paragraph of the values "6 A" and "10 A"*

Addition of the values "80 A, 100 A and 125 A."

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