



NSAI
Standards

Irish Standard
I.S. EN 54-11:2001

Fire detection and fire alarm systems - Part 11: Manual call points

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I.S. EN 54-11:2001

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English Version

Fire detection and fire alarm systems - Part 11: Manual call points

Systèmes de détection et d'alarme incendie - Partie 11:
Déclencheurs manuels d'alarme

Brandmeldeanlagen - Teil 11: Handfeuermelder

This amendment A1 modifies the European Standard EN 54-11:2001; it was approved by CEN on 14 October 2005.

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Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 54-11:2001/A1:2005) has been prepared by Technical Committee CEN/TC 72 "Fire detection and fire alarm systems", the secretariat of which is held by BSI.

This Amendment to the European Standard EN 54-11:2001 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2006, and conflicting national standards shall be withdrawn at the latest by August 2007.

This Amendment to EN 54-11:2001 has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports the essential requirements of the EU Construction Products Directive (89/106/EEC).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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EN 54-11

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version

Fire detection and fire alarm systems - Part 11: Manual call points

Systèmes de détection automatique d'incendie - Partie 11
Déclencheurs manuels d'alarme

Brandmeldeanlagen - Teil 11: Handfeuermelder

This European Standard was approved by CEN on 19 February 2001

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 72 "Fire detection and fire alarm systems", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2001, and conflicting national standards shall be withdrawn at the latest by November 2003. For products which have complied with the relevant national standard before the date of withdrawal (dow), as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until November 2006.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

This standard has been prepared in co-operation with the CEA (Comité Européen des Assurances) and with EURALARM (Association of European Manufacturers of Fire and Intruder Alarm Systems).

Information on the relationship between this European Standard and other standards of the EN 54 series is given in Annex A of EN 54-1:1996.

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Introduction

This European Standard has been drafted on the basis of appearance and functions which should be provided on all manual call points for use in fire detection and fire alarm systems. The colours, dimensions, shapes and methods of operation are based on recognised operating principles which give confidence and recognition to the user when operated in genuine fire alarm situations.

It is important for manual call points to be recognisable and simple to use, without the need to read elaborate instructions so that anyone discovering a fire is able to use the manual call point without previous familiarity with it.

The purpose of a manual call point is to enable a person discovering a fire to initiate the operation of a fire alarm system so that appropriate measures can be taken.

The intention of this European standard is to specify requirements for operation and reliability. The methods of operation of the manual call points covered are as follows:

- Type A: direct operation (single action);
- Type B: indirect operation (double action).

Both types require the breaking or the visible displacement by change of the position of a frangible element forming part of the front face, which is considered to be the most suitable method for general application and which act as a deterrent to the misuse of the device.

Importance has been placed on identifying the manual call point, the method by which it is activated and an indication to the user that the initiation of an alarm has been given.

The resulting standard takes into account national variances in custom and practice and language in bringing together common elements that contribute towards a standard device for use throughout Europe.

1 Scope

This European Standard specifies the requirements and methods of test for manual call points in fire detection and fire alarm systems in and around buildings. It takes into account indoor and outdoor conditions, the appearance and operation of the manual call points for type A "direct operation" and type B "indirect operation" and covers those which are simple mechanical switches, those which are fitted with simple electronic components (e.g. resistors, diodes) and those which contain active electronic components and which work with the control panels for signalling and identifying, for example, an address or location.

This European standard does not cover manual call points for special applications, for example manual call points that are intrinsically safe or for use in hazardous conditions, if such applications require additional or other requirements or tests than those given in this standard.

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