



BSI Standards Publication

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations

Part 22: Particular requirements for connecting boxes and enclosures

National foreword

This British Standard is the UK implementation of EN 60670-22:2006. It is derived from IEC 60670-22:2003. It supersedes [BS 6220:1983](#), which is withdrawn.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **[C]** **[C]**.

The UK participation in its preparation was entrusted to Technical Committee PEL/23, Electrical accessories.

A list of organizations represented on this committee can be obtained on request to its secretary.

BS 6220 included dimensions for fixing centres which are unique to UK electrical wiring accessories and which are desirable to allow the easy mounting onto other boxes used in UK. See Informative UK National Annex NA.

BS 6220 included test currents significantly higher than those in this standard for terminals of equal capacity. It has been common practice for UK manufactures to mark a rated current on junction boxes (although such marking was not a requirement of BS 6220). Consequently, there is now a risk of junction boxes tested to this standard being used as replacements for BS 6220 boxes in circuits with currents higher than proven by testing to this standard. Therefore, it is recommended that junction boxes for use in the UK are marked with an appropriate rated current which does not exceed the test current for the intended rated connecting capacity given in Table 101.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
31 October 2010	Additional information added to national foreword
31 December 2010	Correction to text in national foreword
28 February 2019	Supersession details added to national foreword

**Boxes and enclosures for electrical accessories
for household and similar fixed electrical installations
Part 22: Particular requirements
for connecting boxes and enclosures
(IEC 60670-22:2003, modified)**

Boîtes et enveloppes pour appareillage
électrique pour installations électriques
fixes pour usage domestique et analogue
Partie 22: Règles particulières concernant
les boîtes et enveloppes de connexion
(CEI 60670-22:2003, modifiée)

Dosen für Installationsgeräte
für Haushalt und ähnliche ortsfeste
elektrische Installationen
Teil 22: Besondere Anforderungen
für Verbindungsdosen
(IEC 60670-22:2003, modifiziert)

This European Standard was approved by CENELEC on 2006-07-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

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Foreword

The text of the International Standard IEC 60670-22:2003, prepared by SC 23B, Plugs, socket-outlets and switches, of IEC TC 23, Electrical accessories, together with the common modifications prepared by the Technical Committee CENELEC TC 23B, Switches for household and similar fixed electrical installations, was submitted to the CENELEC Unique Acceptance Procedure and approved on 2005-08-26.

However, due to some omissions in the text and taking into account the comments submitted by National Committees during the voting period, the CLC/TC 23B Secretary asked BT not to ratify the document. A new draft was submitted to the formal vote and was approved by CENELEC as EN 60670-22 on 2006-07-01.

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) 2007-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2009-07-01

This Part 22, which specifies particular requirements for connecting boxes and enclosures, is to be used in conjunction with EN 60670-1:2005. This Part 22 supplements or modifies the corresponding clauses of EN 60670-1. Where a particular clause or subclause of Part 1 is not mentioned in this Part 22, that clause or subclause applies as far as is reasonable. Where this Part 22 states “add”, “replace” or “delete”, the relevant text of Part 1 is to be adapted accordingly.

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60670-22:2003 was approved by CENELEC as a European Standard with agreed common modifications as given below.

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