

# TECHNICAL REPORT

# IEC TR 60083

Fifth edition  
2006-04

---

---

## Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC

Withdrawn

© IEC 2006 Copyright - all rights reserved

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission, 3, rue de Varembe, PO Box 131, CH-1211 Geneva 20, Switzerland  
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: [inmail@iec.ch](mailto:inmail@iec.ch) Web: [www.iec.ch](http://www.iec.ch)



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE

**XH**

*For price, see current catalogue*

## CONTENTS

Foreword.....	7
Introduction.....	9
National systems used in	section
Argentina (information not available)	
Australia.....	AU
Austria.....	AT
Belarus (information not available)	
Belgium.....	BE
Bulgaria (information not available)	
Brazil .....	BR
Canada.....	CA
China.....	CN
Croatia (information not available)	
Czech Republic.....	CZ
Denmark.....	DK
Egypt (information not available)	
Finland.....	FI
France.....	FR
Germany.....	DE
Greece (information not available)	
Hungary (information not available)	
India (information not available)	
Indonesia (information not available)	
Iran (information not available)	
Ireland (information not available)	
Israel (information not available)	
Italy.....	IT
Japan.....	JP
Korea (Republic of) .....	KR
Luxembourg (information not available)	
Malaysia.....	MY
Mexico.....	MX
Netherlands.....	NL
New Zealand.....	NZ
Norway.....	NO
Pakistan (information not available)	
Poland.....	PO
Portugal.....	PT
Romania (information not available)	
Russian Federation (information not available)	
Saudi Arabia .....	SA
Serbia and Montenegro .....	CS
Singapore.....	SG
Slovakia.....	SK
Slovenia (information not available)	
South Africa (information not available)	

Spain.....ES  
Sweden.....SE  
Switzerland.....CH  
Thailand (information not available)  
Turkey (information not available)  
Ukraine (information not available)  
United Kingdom.....GB  
United States of America.....US

Withdrawn

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

---

### **PLUGS AND SOCKET-OUTLETS FOR DOMESTIC AND SIMILAR GENERAL USE STANDARDIZED IN MEMBER COUNTRIES OF IEC**

#### FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with an IEC Publication.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

The main task of IEC technical committees is to prepare International Standards. However, a technical committee may propose the publication of a technical report when it has collected data of a different kind from that which is normally published as an International Standard, for example "state of the art".

IEC 60083, which is a technical report, has been prepared by subcommittee 23B: Plugs, socket -outlets and switches, of IEC technical committee 23: Electrical accessories.

The fifth edition cancels and replaces the fourth edition published in 2004 and constitutes a technical revision. It includes some replacements of the sheets concerning the following countries: DK, FI, FR, DE, IT, JP, NO, SK, ES and SE. New sheets for MX and CS have been added to those of the previous edition.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
23B/807/DTR	23B/817/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

Withdrawn

## INTRODUCTION

This technical report shows the great variety of systems in use today. In order to reduce this variety in future, even though such a change may take many years, it is advised that the recommendations in IEC 60906-1 and IEC 60906-2 be followed:

"that any country in need of a new or a replacement system adopt this standard as its future National Standard".

The content of this report is based on the information submitted by the National Committees of IEC which are responsible for the accuracy of the information given. Any revision caused by amendments and additions as a consequence of further development of their National System(s) or introduction of a different system should be notified to the IEC Central Office.

For additional contributions or revisions of already submitted information, reference is made to Annex A which contains the instructions for submitting material to this technical report. National Committees are asked to follow the instructions precisely in order to obtain a uniform presentation in this report.

The IEC Central Office will maintain a register of the revised information received from National Committees.

This fifth edition includes the following modifications to the previous edition:

Denmark	replacement of all sheets
Finland	replacement of sheet No. 4
France	replacement of all sheets
Germany	addition of new sheet No. 3
Italy	replacement of sheet No. 7
Japan	replacement of all sheets
Mexico	new sheets (1 to 11)
Norway	replacement of all sheets
Serbia and Montenegro	new sheets (1 to 3)
Slovakia	replacement of sheet No. 3
Spain	replacement of all sheets
Sweden	replacement of sheet No. 4 and 5 by a new sheet No. 4

## **PLUGS AND SOCKET-OUTLETS FOR DOMESTIC AND SIMILAR GENERAL USE STANDARDIZED IN MEMBER COUNTRIES OF IEC**

### **1 Scope and object**

The object of this technical report is to give general information about the systems of plugs and socket-outlets for household and similar purposes which are used in the IEC countries. The report only contains National Systems which are commonly used in homes and offices. It is therefore limited to systems for a.c. with a rated voltage above 50 V but not exceeding 440 V, intended for household and similar purposes, either indoors or outdoors.

The report only contains systems for which standard sheets have been published in a National Standard, which may be a National Standard of the country itself or any other IEC member country.

Withhold