

# TECHNICAL REPORT

## RAPPORT TECHNIQUE

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

(standards.iteh.ai)

Prises de courant pour usages domestiques et analogues normalisées par les pays membres de l'IEC

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ELECTROTECHNICAL  
COMMISSION

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ELECTROTECHNIQUE  
INTERNATIONALE

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# 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.
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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 seventh edition cancels and replaces the sixth edition published in 2009 and constitutes a technical revision. It includes some replacements of the sheets concerning the following countries: AT, CA, DK, FR, DE, IT, JP, NL, NZ, PT, SA, SG, ES and CH. New sheets for HU, RO and TH 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/1083/DTR	23B/1095/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 stability 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.

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## 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 seventh edition includes the following modifications to the previous edition:

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Austria	new sheets (5 to 7)
Canada	CA1, CA3, CA4 and CA11 have been revised
Denmark	replacement of all sheets
France	updated
Germany	updated
Hungary	new sheets
Italy	replacement IT1
Japan	replacement of all sheets
Netherlands	updated
New Zealand	updated all sheets
Portugal	replacement of all sheets
Romania	new sheets
Saudi Arabia	updated
Singapore	updated all sheets
Spain	updated
Sweden	updated information
Switzerland	updated all sheets
Thailand	new sheets

This edition also includes the updated IEC member countries' list and code.



## **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.

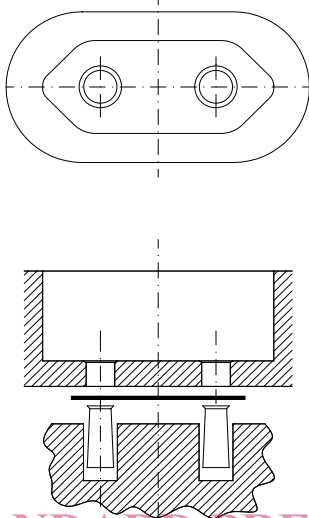
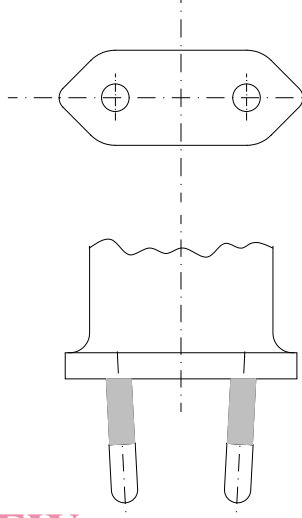
### **2 List of plugs and socket-outlets which are used in IEC member countries**

The following sheets give the national systems used in IEC member countries.

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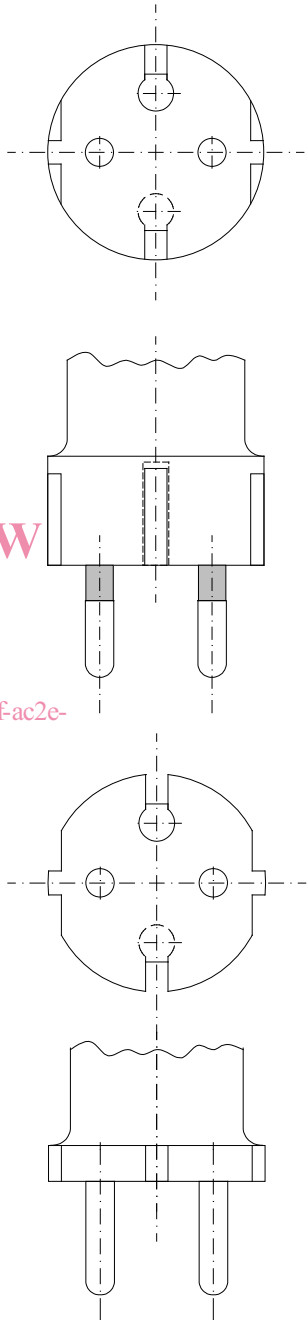
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IEC 60083	National system used in AUSTRIA		AT 1 of AT 7 Date: 2011-12-17	
Number of poles	Rated values of accessories		Sketch designation	
	Voltage V	Current A	Socket-outlets	Plugs
2P	250	2,5	 <p>ÖVE/ÖNORM E 8622-2 portable type</p>	 <p>ÖVE-IG/EN 50075</p>
For reference and further information, see page AT 7.				


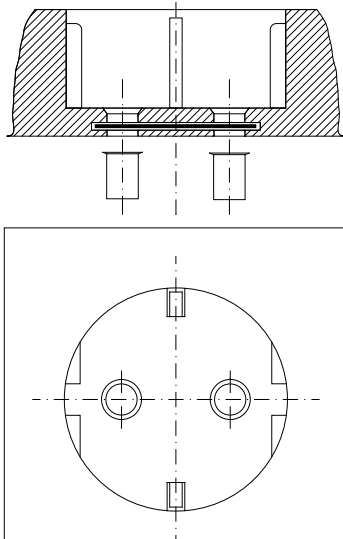
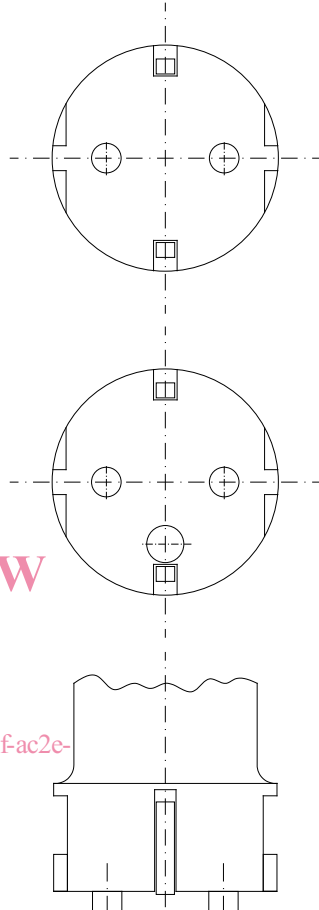


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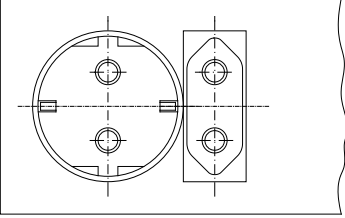

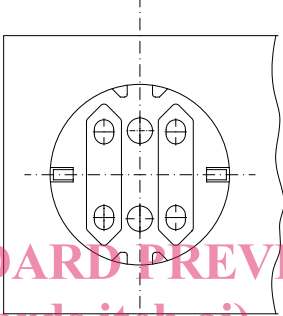

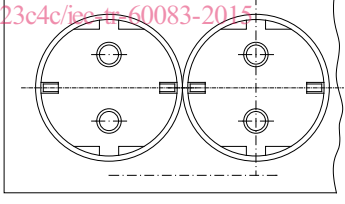
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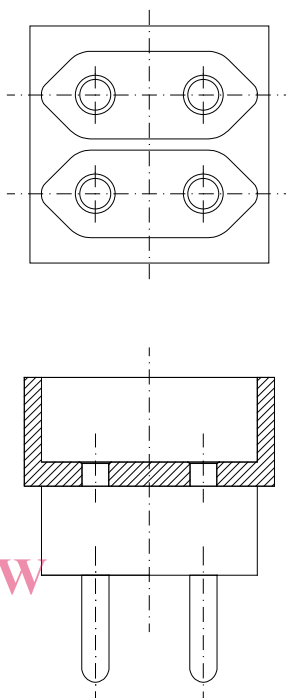
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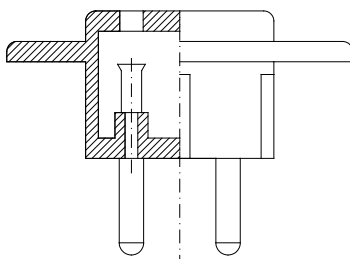
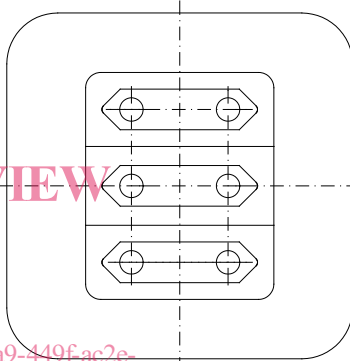

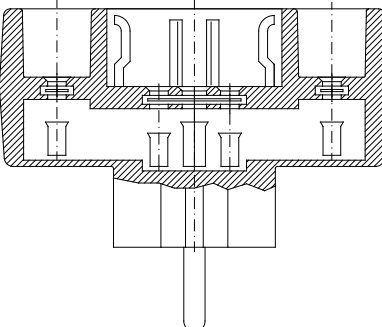
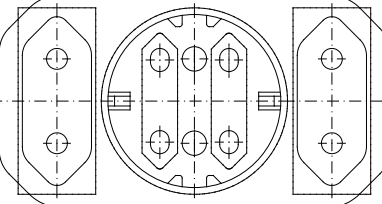
IEC 60083	National system used in AUSTRIA		AT 2 of AT 7 Date: 2011-12-17	
Number of poles	Rated values of accessories		Sketch designation	
	Voltage V	Current A	Socket-outlets	Plugs
2P	250	16		 <p>ÖVE/ÖNORM E 8620-2</p>

For reference and further information, see page AT 7.

IEC 60083	National system used in AUSTRIA		AT 3 of AT 7 Date: 2011-12-17	
Number of poles	Rated values of accessories		Sketch designation	
	Voltage V	Current A	Socket-outlets	Plugs
2P+ 	250	16 A	 <p>ÖVE/ÖNORM E 8622-1 flush type surface type for incorporating</p> <p>ÖVE/ÖNORM E 8622-3, Type A flush type ÖVE/ÖNORM E 8622-3, Type B flush type ÖVE/ÖNORM E 8622-3 surface type ÖVE/ÖNORM E 8622-3 for incorporating</p>	 <p>ÖVE/ÖNORM E 8620-3</p>
2P+ 	250	16	ÖVE/ÖNORM E 8622-3 splashproof flush type surface type	ÖVE/ÖNORM E 8620-5
2P+ 	250	16	ÖVE/ÖNORM E 8622-4 splashproof portable type	ÖVE/ÖNORM E 8620-5
For reference and further information, see page AT 7.				

IEC 60083	National system used in AUSTRIA		AT 4 of AT 7 Date: 2011-12-17	
Number of poles	Rated values of accessories		Sketch designation	
	Voltage V	Current A	Socket-outlets	Plugs
2P 2P+ 	250	2,5 16	 ÖVE/ÖNORM E 8622-4 portable type	
2P 2P+ 	250	2,5 16	 ÖVE/ÖNORM E 8622-4 portable type	
2P+ 	250	16	 ÖVE/ÖNORM E 8622-4 portable type	
For reference and further information, see page AT 7.				

IEC 60083	National system used in AUSTRIA		AT 5 of AT 7 Date: 2011-12-17	
Number of poles	Rated values of accessories		Sketch designation	
	Voltage V	Current A	Socket-outlets	Plugs
2P	250	2,5		 <p>ÖVE/ÖNORM E 8622-4</p>
<p>For reference and further information, see page AT 7.</p>				

IEC 60083	National system used in AUSTRIA		AT 6 of AT 7 Date: 2011-12-17	
Number of poles	Rated values of accessories		Sketch designation	
	Voltage V	Current A	Socket-outlets	Plugs
2P	250	2,5		  ÖVE/ÖNORM E 8622-4
2P 2P+ 	250	2,5 16		  ÖVE/ÖNORM E 8622-4

For reference and further information, see page AT7.