

INTERNATIONAL  
STANDARD

IEC  
60297-5-102

First edition  
2001-01

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**Mechanical structures for electronic equipment –  
Dimensions of mechanical structures  
of the 482,6 mm (19 in) series –**

**Part 5-102:  
Subracks and associated plug-in units –  
Electromagnetic shielding provision**

*Structures mécaniques pour équipement électronique –  
Dimensions des structures mécaniques de la série  
de 482,6 mm (19 in) –*

*Partie 5-102:  
Bacs et blocs enfichables associés –  
Dispositif pour le blindage électromagnétique*



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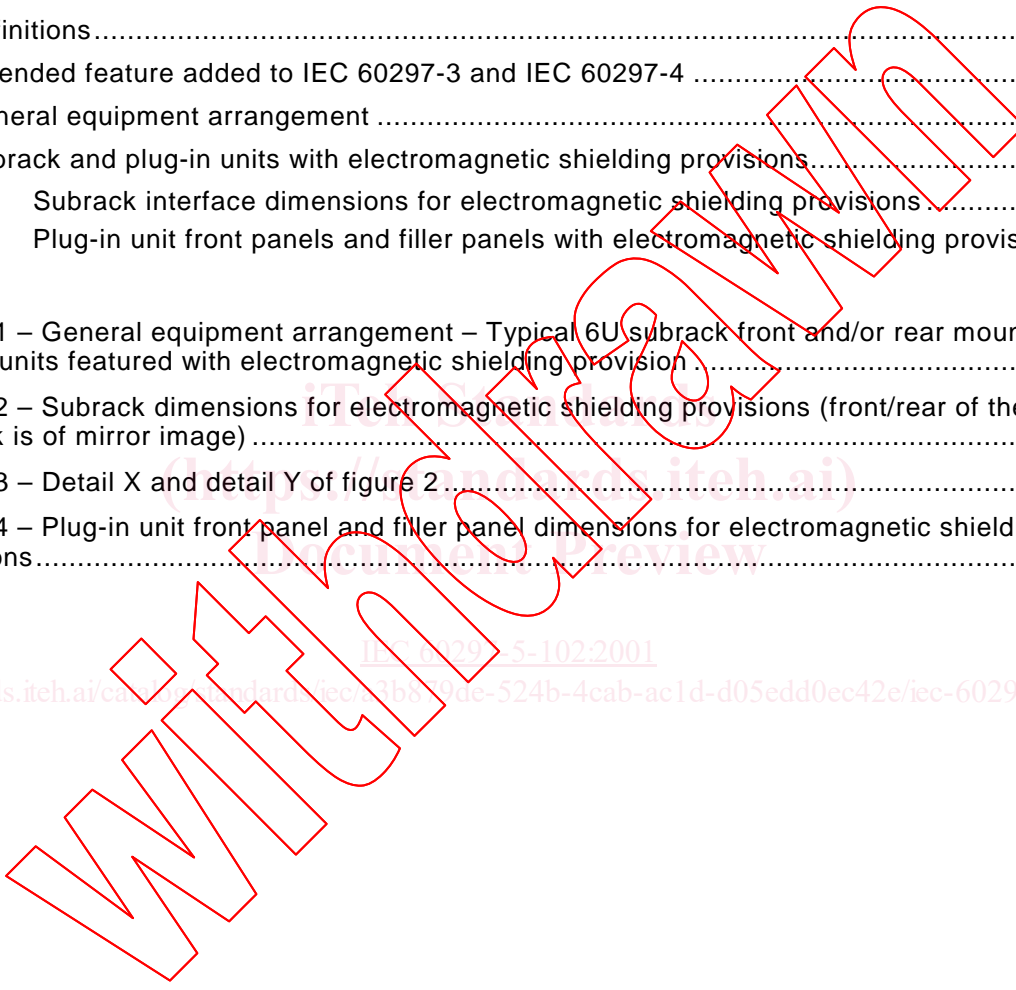
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# CONTENTS

	Page
FOREWORD .....	3
INTRODUCTION .....	5
 Clause	
1 Scope and object .....	6
2 Normative references .....	6
3 Definitions .....	7
4 Extended feature added to IEC 60297-3 and IEC 60297-4 .....	7
5 General equipment arrangement .....	8
6 Subrack and plug-in units with electromagnetic shielding provisions.....	9
6.1 Subrack interface dimensions for electromagnetic shielding provisions.....	9
6.2 Plug-in unit front panels and filler panels with electromagnetic shielding provisions	11
 Figure 1 – General equipment arrangement – Typical 6U subrack front and/or rear mounted plug-in units featured with electromagnetic shielding provision .....	
	8
 Figure 2 – Subrack dimensions for electromagnetic shielding provisions (front/rear of the subrack is of mirror image) .....	
	9
 Figure 3 – Detail X and detail Y of figure 2.....	
	10
 Figure 4 – Plug-in unit front panel and filler panel dimensions for electromagnetic shielding provisions.....	
	11

IEC 60297-5-102:2001

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENT –  
DIMENSIONS OF MECHANICAL STRUCTURES  
OF THE 482,6 mm (19 in) SERIES –**

**Part 5-102: Subracks and associated plug-in units –  
Electromagnetic shielding provision**

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the 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, the IEC publishes International Standards. 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. The 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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International Standard IEC 60297-5-102 has been prepared by subcommittee 48D: Mechanical structures for electronic equipment, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
48D/240/FDIS	48D/249/RVD

Full information on the voting for the approval of this standard 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 3.

IEC 60297-5 consists of the following parts under the general title: Mechanical structures for electronic equipment – Dimensions of mechanical structures of the 482,6 mm (19 in) series:

Part 5-100, Subracks and associated plug-in units – Design overview

Part 5-101, Subracks and associated plug-in units – Injector/extractor handle

Part 5-102, Subracks and associated plug-in units – Electromagnetic shielding provision

Part 5-103, Subracks and associated plug-in units – Electrostatic discharge protection

Part 5-104, Subracks and associated plug-in units – Keying

Part 5-105, Subracks and associated plug-in units – Alignment and/or earth pin

Part 5-107, Subracks and associated plug-in units – Rear mounted plug-in units

The committee has decided that the contents of this publication will remain unchanged until 2004. At this date, the publication will be

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

A bilingual version of this publication may be issued at a later date.

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