

# SLOVENSKI STANDARD SIST HD 493.2 S1:2004

01-januar-2004

# [Not translated]

Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 2: Cabinets and pitches of rack structures

Maße der 482,6-mm-Bauweise (19-Zoll-Bauweise) - Teil 2: Schränke und Gestellreihen

Dimensions des structures mécaniques de la série de 482,6 mm (19 in) - Partie 2: Armoires et pas des structures (standards.iteh.ai)

Ta slovenski standard je istoveten Z: HD 493 2 S1:2004 https://standards.iten.arcatalog/standards/sist/4637b7/3i-640d-4c1e-9a04c4f90271165d/sist-hd-493-2-s1-2004

# <u>ICS:</u>

31.240 Mehanske konstrukcije za elektronsko opremo

Mechanical structures for electronic equipment

SIST HD 493.2 S1:2004

en



# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST HD 493.2 S1:2004</u> https://standards.iteh.ai/catalog/standards/sist/4637b73f-640d-4c1e-9a04c4f90271165d/sist-hd-493-2-s1-2004 SIST HD 493.2 S1:2004

Rue Bréderode, 2 - Ste 5 - 1808 Bruxelles Tel 02-519 68 71 - Talex 26257 Taiafax (+32 2) 519 68 19 - Teletex 206 2210097

HD 493.2 S1

ENGLISH VERSION

UDC: 621.38-218.3 621.316.342.1/.344-181.1

KEY WORDS: Mounting of electronic equipment on a vertical plane; panels, racks, cabinets; dimensions

> DIMENSIONS OF MECHANICAL STRUCTURES OF THE 482.6 MM (19 IN) SERIES

PART 2: CABINETS AND PITCHES OF RACK STRUCTURES

Dimensions des structures mécaniques de La série de 482,6 ana (19 in) Deuxième partie: Armoires et pas des structures

Maße der 482,6-mm-Bauweise (19-Zoll-Bauweise) Teil 2: Schränke und Gestellreihen

BODY OF THE HD

The Harmonization Document Consists of RD PREVIEW

IEC 297-2 (1982) ed 1; IEC/SC 480, not appended

This Harmonization Document was approved by CENELEC on 1987-12-02. https://standards.iteh.ai/catalog/standards/sist/4637b73f-640d-4c1e-9a04

The English and French versions 7045this Harmonization Document are provided by the text of the IEC publication and the German version is the official translation of the IEC text. The German translation is available.

According to the CENELEC Internal Regulations the CENELEC member National Committees are bound:

to announce the existence of this Harmonization Document at national Level by or before 1988-06-01

to publish their new harmonized national standard by or before 1988-12-01

to withdraw all conflicting national standards by or before 1988-12-01.

Harmonized national standards are listed on the HD information sheet, which is available from the CENELEC National Committees or from the CENELEC Central Secretariat.

The CENELEC National Committees are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

(c) Copyright reserved to all CENELEC members

• 7



# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST HD 493.2 S1:2004</u> https://standards.iteh.ai/catalog/standards/sist/4637b73f-640d-4c1e-9a04c4f90271165d/sist-hd-493-2-s1-2004 SIST HD 493.2 S1:2004

# NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI IEC 297-2

Première édition First edition 1982

Dimensions des structures mécaniques de la série de 482,6 mm (19 in)

Deuxième partie: Armoires et pas des structures iTeh STANDARD PREVE

> Dimensions of mechanical structures of the 482,6 mm (19 in) series

https://standards.hth.ai/catalog/standards/ss/4637b73f-640d-4c1e-9a04-Parto 2:165t/sist-hd 493-2-s1-2004

Cabinets and pitches of rack structures

© CEI 1993 Droits de reproduction réservés - Copyright - all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur. 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.

Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembé Genève, Suisse



Commission Electrotechnique Internationale International Electrotechnical Commission Международная Электротехническая Комиссия

CODE PRIX PRICE CODE



Pour prix, voir catalogue en vigueur For price, see current catalogue SIST HD 493.2 S1:2004

#### 297-2 © IEC 1982

## 

### INTERNATIONAL ELECTROTECHNICAL COMMISSION

# DIMENSIONS OF MECHANICAL STRUCTURES OF THE 482.6 mm (19 in) SERIES

# Part 2: Cabinets and pitches of rack structures

### FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented. express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

# iTeh STANFREFACED PREVIEW

This standard has been prepared by Sub-Committee 48D: Mechanical Structures for Electronic Equipment, of IEC Technical Committee No.48: Electromechanical Components for Electronic Equipment.

https://standards.hth.ai/catalog/standards/ss/4637b73f-640d-4c1e-9a04-

A first draft document was circulated to the National Committees in May 1977. At the meeting held in Zurich in 1977, it was found necessary to prepare a second draft. This second draft was circulated to the National Committees under the Accelerated Procedure in March 1979.

As a result, Document 48D (Central Office)3 was submitted to the National Committees for approval under the Six Months' Rule in March 1980.

The National Committees of the following countries voted explicitly in favour of publication:

Australia Austria Belgium Cuba (Republic of) Czechoslovakia Egypt Finland Germany German Democratic Republic Hungary Italy Netherlands New Zealand Norway South Africa (Republic of) Spain Sweden Switzerland Turkey

This Part 2 should be read in conjunction with IEC Publication 297 (Second edition, 1975).

297-2 © IEC 1982

# DIMENSIONS OF MECHANICAL STRUCTURES OF THE 482.6 mm (19 in) SERIES

- 5 —

## Part 2: Cabinets and pitches of rack structures

#### 1. Scope

This standard covers the basic dimensions of free-standing cabinets and fixed rack structures used in 482.6 mm (19 in) rack and panel electronic equipment practice.

### 2. Cabinet – Description

For the purpose of this standard, a *cabinet* is defined as a free-standing and self-supporting enclosure for electronic equipment capable of being used alone or in combination with other cabinets to form a suite. A *cabinet* may or may not have a plinth, feet, rollers, castors, etc., depending on the load-carrying and mobility requirements of the user.

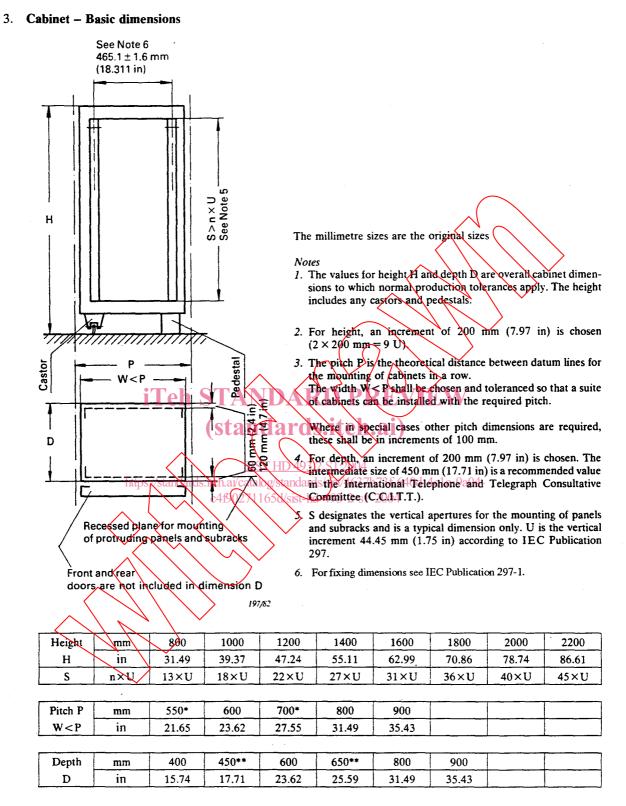
It may be fitted with doors and/or side panels on one or more sides to suit the application.

## (standards.itek.ai)

A cabinet will house or incorporate vertical members to which can be attached panels, etc., in accordance with IEC Publication 297-1515 HD 4932 S1 2004

### 297-2 © IEC 1982

\_ 7 \_



\* P 550 For applications where space is restricted to less than 600 mm and side cabling within the cabinet is minimal.

P 700 Principally for applications involving swinging racks.

\*\* D 450 The basic depth of 450 mm is in accordance with C.C.I.T.T. Recommendation C.231 which allows the addition of maintenance controls, cooling fins and covers at the front and rear to increase the overall depth to 520 mm.

D 650 Not recommended for future applications.