

**SLOVENSKI STANDARD**  
**SIST EN 60721-2-1:2016****01-november-2016**

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**Klasifikacija okoljskih pogojev - 2-1. del: Okoljski pogoji v naravi - Temperatura in vlaga (IEC 60721-2-1:2013)**

Classification of environmental conditions - Part 2-1: Environmental conditions appearing in nature - Temperature and humidity (IEC 60721-2-1:2013)

Klassifizierung von Umweltbedingungen - Teil 2-1: Natürliche Einflüsse - Temperatur und Luftfeuchte (IEC 60721-2-1:2013)

Classification des conditions d'environnement - Partie 2-1: Conditions d'environnement présentes dans la nature - Température et humidité (IEC 60721-2-1:2013)

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**Ta slovenski standard je istoveten z: EN 60721-2-1:2014**

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**ICS:**

19.040	Preskušanje v zvezi z okoljem	Environmental testing
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<b>SIST EN 60721-2-1:2016</b>	<b>en</b>
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EUROPEAN STANDARD

**EN 60721-2-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2014

ICS 19.040

Supersedes HD 478.2.1 S1:1989

English Version

Classification of environmental conditions - Part 2-1:  
Environmental conditions appearing in nature - Temperature and  
Humidity  
(IEC 60721-2-1:2013)

Classification des conditions d'environnement -  
Partie 2-1: Conditions d'environnement présentes dans la  
nature - Température et humidité  
(CEI 60721-2-1:2013)

Klassifizierung von Umgebungsbedingungen -  
Teil 2-1: Natürliche Umgebungsbedingungen - Temperatur  
und Feuchte  
(IEC 60721-2-1:2013)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

## Foreword

The text of document 104/610/FDIS, future edition 2 of IEC 60721-2-1, prepared by IEC/TC 104 "Environmental conditions, classification and methods of test" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60721-2-1:2014.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2014-12-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-07-30

This document supersedes HD 478.2.1 S1:1989.

EN 60721-2-1:2014 includes the following significant technical changes with respect to HD 478.2.1 S1:1989:

The main changes with respect to HD 478.2.1 S1:1989 are in the definitions of climate types.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60721-1	1990	Classification of environmental conditions - Part 1: Environmental parameters and their severities	EN 60721-1 <sup>1)</sup>	1995
IEC/TR 62130	-	Climatic field data including validation	-	-
MIL210		Extreme and Percentile Environmental Reference Tables (EXPERT) database (Version 1.0 July 1997)		
PEARCE, E.A., and SMITH, C.G.		The Hutchinson World Weather Guide by Helicon Publishing Ltd (ISBN 1 85986 342-6, 2000)		
KOTTEK, M., GRIESER, J., BECK, C., RUDOLF, B. and RUBEL, F.		World Map of the Köppen-Geiger climate classification updated: 2006, Meteorol. Z., 15, 259-263		

<sup>1)</sup> EN 60721-1 includes A1:1992 to IEC 60721-1.

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IEC 60721-2-1

Edition 2.0 2013-06

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Classification of environmental conditions –  
Part 2-1: Environmental conditions appearing in nature – Temperature and  
humidity**

**Classification des conditions d'environnement –  
Partie 2-1: Conditions d'environnement présentes dans la nature – Température  
et humidité**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

PRICE CODE  
CODE PRIX



ICS 19.040

ISBN 978-2-83220-899-1

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CLASSIFICATION OF ENVIRONMENTAL CONDITIONS –****Part 2-1: Environmental conditions appearing in nature –  
Temperature and humidity**

## FOREWORD

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International Standard IEC 60721-2-1 has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test.

This second edition cancels and replaces the first edition published in 1982 and its amendment 1 (1987), and constitutes a technical revision.

The main changes with respect to the previous edition are in the definitions of climate types.