

English Version

**Classification of environmental conditions - Part 3-4:
Classification of groups of environmental parameters and their
severities - Stationary use at non-weatherprotected locations
(IEC 60721-3-4:2019/COR1:2023)**

Classification des conditions d'environnement - Partie 3-4:
Classification des groupements des agents
d'environnement et de leurs sévérités - Utilisation à poste
fixe, non protégé contre les intempéries
(IEC 60721-3-4:2019/COR1:2023)

Klassifizierung von Umweltbedingungen - Teil 3-4: Klassen
von Umwelteinflußgrößen und deren Grenzwerte -
Ortsfester Einsatz, nicht wettergeschützt
(IEC 60721-3-4:2019/COR1:2023)

This corrigendum becomes effective on 4 August 2023 for incorporation in the English language version of the EN.



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

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Endorsement notice

The text of the corrigendum IEC 60721-3-4:2019/COR1:2023 was approved by CENELEC as EN IEC 60721-3-4:2019/AC:2023-08 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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**CLASSIFICATION OF ENVIRONMENTAL
CONDITIONS –**

**Part 3-4: Classification of groups of
environmental parameters and their severities –
Stationary use at non-weatherprotected
locations**

**CLASSIFICATION DES CONDITIONS
D'ENVIRONNEMENT –**

**Partie 3-4: Classification des groupements des
agents d'environnement et de leurs sévérités –
Utilisation à poste fixe, non protégé contre les
intempéries**

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

Table 1 – Classification of climatic conditions

In the "Low absolute humidity" row, for climatic conditions 4K23, 4K24, 4K26 and 4K27, replace the existing values "0,2", "0,003", "0,1" and "0,003" with the new values "0,05", "0,004", "0,05" and "0,004", respectively, as shown:

Environmental parameter	Unit	Classification				
		Sheltered		Open-air		
		4K23	4K24	4K25	4K26	4K27
Low air temperature	°C	–45	–50	+5	–20	–50
High air temperature	°C	+70	+70	+45 ⁱ	+50 ⁱ	+45 ⁱ
Low relative humidity ^a	%	4	4	30	4	10
High relative humidity ^a	%	100	100	100	100	100
Low absolute humidity ^a	g/m ³	0,05	0,004	6	0,05	0,004
High absolute humidity ^a	g/m ³	35	20	35	30	25
Rate of change of temperature ^b	°C/min	1,0	1,0	1,0	1,0	1,0
Low air pressure ^c	kPa	70	70	70	70	70
High air pressure ^c	kPa	106	106	106	106	106
Solar radiation	W/m ²	h	h	1 090 ^l	1 090 ^l	1 090 ^l
Heat radiation	Not specified	f	f	No	No	No
Movement of surrounding air ^d	m/s	5,0 ^{d, f}	5,0 ^{d, f}	22 ^f	22 ^f	22 ^f
Condensation	Not specified	Yes	Yes	Yes	Yes	Yes

