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Our Ref: 2019/00201

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Dear Member

IEC COMMITTEE DRAFT (CD)

REPLY TO CSC@BSIGROUP.COM BEFORE 12TH MARCH 2019

Please find attached:

70/144/CD - IEC 62262/AMD1 ED1 Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

IEC National Committees have been invited to comment on the above document. As a member of the responsible BSI committee you are asked to give your comments on the document. Please send any comments that you wish to be considered for submission as UK comments to IEC by the above date.

When submitting comments please ensure that they are entered into the [IEC comments template](#). If you have any queries in how to use the template then please do not hesitate to contact the Committee Service Centre.

It should be noted that this is often the final stage for the submission of major technical comment on the standard, as the national comments submitted to IEC determine whether this standard can progress to the next stage, i.e. circulation as a draft international standard (CDV).

Please also bear in mind that acceptance of a draft IEC standard means agreement in principle to it being the basis of a new British Standard, as it is BSI policy to implement all IEC projects as BS IEC standards unless any of the following situations apply:

- UK voted negatively at the FDIS stage.
- There is a current BS which covers the scope of the international standard and the BS continues to be the preferred document at the national level.
- There is an implemented EN standard covering the scope of the international publication.
- The International standard is subsequently agreed for UAP procedure in CLC and publication of the EN is expected within 12 months of the availability of the IEC publication.

If we do not hear from you by the above date we will submit 'no comment' to the IEC.

Yours sincerely,

Committee Service Centre



PROJECT NUMBER: IEC 62262/AMD1 ED1	
DATE OF CIRCULATION: 2019-01-18	CLOSING DATE FOR COMMENTS: 2019-04-12
SUPERSEDES DOCUMENTS: 70/143/RR	

IEC TC 70 : DEGREES OF PROTECTION PROVIDED BY ENCLOSURES	
SECRETARIAT: Germany	SECRETARY: Mr Peter Linnert
OF INTEREST TO THE FOLLOWING COMMITTEES: TC 104	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CD to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input checked="" type="checkbox"/> SAFETY	

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE: Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
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NOTE FROM TC/SC OFFICERS:

**DEGREES OF PROTECTION PROVIDED BY ENCLOSURES
FOR ELECTRICAL EQUIPMENT AGAINST EXTERNAL
MECHANICAL IMPACTS (IK CODE)**

2 Normative references

Modify the referenced documents as follows:

IEC 60050-826:2004, *International Electrotechnical Vocabulary – Chapter 826: Electrical installations of buildings*

IEC 60068-1:2013, *Environmental testing – Part 1: General and guidance*

IEC 60068-2-75:2014, *Environmental testing – Part 2: Tests – Test Eh: Hammer tests*

4.1 Arrangement of the IK code

Modify the third paragraphs as follows:

Characteristic group numeral (00 to 11)

4.2 Characteristic group numerals of the IK code and their meanings

Modify the Table 1 as follows:

Table 1 – Relation between IK code and impact energy

IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	IK11
Impact energy, J	*	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20	50
	* Not protected according to this standard.											
	NOTE 1 – When higher impact energy is required, the value of 50 J is recommended. NOTE 1 – A characteristic group numeral of two figures has been chosen to avoid confusion with some national standards which used a single numeral for a specific impact energy.											