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Responsible committee: PEL/95 Measuring relays and protection systems

Interested committees:

Title: BS EN IEC 60255-21 Measuring relays and protection equipment

Part 21: Vibration, shock, bump and seismic tests requirements

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Responsible Committee Secretary: **Committee Service Centre (BSI)**
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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



95/586/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:

IEC 60255-21 ED1

DATE OF CIRCULATION:

2025-02-07

CLOSING DATE FOR COMMENTS:

2025-04-04

SUPERSEDES DOCUMENTS:

95/554/CD, 95/584/CC

IEC TC 95 : MEASURING RELAYS AND PROTECTION EQUIPMENT

SECRETARIAT:

France

SECRETARY:

Mr Thierry BARDOU

OF INTEREST TO THE FOLLOWING COMMITTEES:

TC 17

HORIZONTAL FUNCTION(S):

ASPECTS CONCERNED:

Electricity transmission and distribution

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TITLE:

Measuring relays and protection equipment - Part 21: Vibration, shock, bump and seismic tests requirements

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MEASURING RELAYS AND PROTECTION EQUIPMENT –

Part 21: Vibration, shock, bump and seismic test requirements

FOREWORD

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International Document IEC 60255-21 has been prepared by IEC technical committee 95: Measuring relays and protection equipment.

This document cancels and replace the documents IEC 60255-21-1:1988, IEC 60255-21-2:1988 and IEC 60255-21-3:1993. This document constitutes a technical revision.

This document includes the following significant technical changes with respect to the documents IEC 60255-21-1:1998, IEC 60255-21-2: 1988 and IEC 60255-21-3:1993:

- a) The three IEC 60255-21 standards have been merged into a single mechanical standard;
- b) terminology updated to remove unused terms;
- c) duplication of parameters from the base standards have been removed replaced with references to the base standards;
- d) references have been included for settings and for pre testing and post testing in accordance with IEC 60255-1;
- e) vibration endurance using a sinusoidal sweep has been replace with random vibration tests;
- f) transportation tests have been clarified that they are for equipment mounted in panels or cubicles.

The text of this International Document is based on the following documents:

FDIS

Report on voting

XX/XX/FDIS	XX/XX/RVD
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123 Full information on the voting for the approval of this International Document can be found in
124 the report on voting indicated in the above table.

125 This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

126 The committee has decided that the contents of this document will remain unchanged until the
127 stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to
128 the specific document. At this date, the document will be

- 129 • reconfirmed,
130 • withdrawn,
131 • replaced by a revised edition, or
132 • amended.