



SLOVENSKI STANDARD
oSIST prEN IEC 63522-44:2024
01-julij-2024

Električni releji - Preskusi in meritve - 44. del: Korozivna atmosfera zaradi slane meglice

Electrical relays - Tests and measurements - Part 44: Corrosive atmosphere due to salt mist

Relais électriques - Essais et mesurages - Partie 44: Atmosphère corrosive due au brouillard salin

Ta slovenski standard je istoveten z: prEN IEC 63522-44:2024

<https://standards.iteh.ai/catalog/standards/sist/282e1569-bdec-41d2-b360-d5451972adae/osist-pren-iec-63522-44-2024>

ICS:

29.120.70 Releji Relays

oSIST prEN IEC 63522-44:2024 en



94/1015/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: IEC 63522-44 ED1	
DATE OF CIRCULATION: 2024-05-24	CLOSING DATE FOR VOTING: 2024-08-16
SUPERSEDES DOCUMENTS: 94/898/CD, 94/1006/CC	

IEC TC 94 : ELECTRICAL RELAYS	
SECRETARIAT: Austria	SECRETARY: Mr Bernhard Spalt
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING Attention IEC-CENELEC parallel voting The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING

oSIST prEN IEC 63522-44:2024

<https://standards.iteh.ai/catalog/standards/sist/282e1569-bdec-41d2-b360-d5451972adae/osist-pren-iec-63522-44-2024>

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.

Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).

TITLE:

Electrical relays - Tests and Measurements - Part 44: Corrosive atmosphere due to salt mist

PROPOSED STABILITY DATE: 2025

NOTE FROM TC/SC OFFICERS:

Copyright © 2024 International Electrotechnical Commission, IEC. All rights reserved. It is permitted to download this electronic file, to make a copy and to print out the content for the sole purpose of preparing National Committee positions. You may not copy or "mirror" the file or printed version of the document, or any part of it, for any other purpose without permission in writing from IEC.

CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Test procedure	6
4.1 Purpose	6
4.2 Procedure	6
4.2.1 Preconditions	6
4.2.2 Test	6
4.2.3 Recovery	6
4.3 Conditions to be specified	6
4.3.1 The conditions to be specified for test Ka	6
4.3.2 The conditions to be specified for test Kb	6
5 Evaluation	7
5.1 General	7
5.2 Visual inspection	7
5.3 Final checking	7
5.4 Test report	7
Bibliography	9

iTeh Standards
 (<https://standards.iteh.ai>)
 Document Preview

[oSIST prEN IEC 63522-44:2024](https://standards.iteh.ai/catalog/standards/sist/282e1569-bdee-41d2-b360-d5451972adae/osist-pren-iec-63522-44-2024)

<https://standards.iteh.ai/catalog/standards/sist/282e1569-bdee-41d2-b360-d5451972adae/osist-pren-iec-63522-44-2024>

1
2
3
4
5
6
7
8
9

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL RELAYS – Tests and Measurement –

Part 44: Corrosive atmosphere due to salt mist

FOREWORD

- 10 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising
11 all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international
12 co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and
13 in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports,
14 Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). Their
15 preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with
16 may participate in this preparatory work. International, governmental and non-governmental organizations liaising
17 with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for
18 Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 19 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international
20 consensus of opinion on the relevant subjects since each technical committee has representation from all
21 interested IEC National Committees.
- 22 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National
23 Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC
24 Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any
25 misinterpretation by any end user.
- 26 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications
27 transparently to the maximum extent possible in their national and regional publications. Any divergence between
28 any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 29 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity
30 assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any
31 services carried out by independent certification bodies.
- 32 6) All users should ensure that they have the latest edition of this publication.
- 33 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and
34 members of its technical committees and IEC National Committees for any personal injury, property damage or
35 other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and
36 expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 37 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is
38 indispensable for the correct application of this publication.
- 39 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent
40 rights. IEC shall not be held responsible for identifying any or all such patent rights.

41 The International Standard of the IEC 63522-44 has been prepared by IEC technical committee
42 94: Electrical relays.

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

CD	CC
94/898/CD	94/1006/CC

44 Full information on the voting for the approval of this International Standard can be found in the
45 report on voting indicated in the above table.

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

48 A list of all parts of IEC 61810 series, published under the general title *Electromechanical*
49 *elementary relays* can be found on the IEC website.

50 This International Standard is to be used in conjunction with IEC 61810-1:2015.

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

- 54 • reconfirmed,
- 55 • withdrawn,
- 56 • replaced by a revised edition, or
- 57 • amended.

58 A bilingual version of this publication may be issued at a later date.

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

59

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN IEC 63522-44:2024](https://standards.iteh.ai/catalog/standards/sist/282e1569-bdee-41d2-b360-d5451972adae/osist-pren-iec-63522-44-2024)

<https://standards.iteh.ai/catalog/standards/sist/282e1569-bdee-41d2-b360-d5451972adae/osist-pren-iec-63522-44-2024>