

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

(Not to be reproduced without the permission of BIS or used as an Indian Standard)

Draft Indian Standard

Miniature fuses – Part 2: Cartridge fuse-links

(ICS 29.120.50)

Fuses Sectional Committee, ETD 39

Last date for Comments : 22 Jan 2024

NATIONAL FOREWORD (Formal clauses will be added later)

This Indian Standard which is identical with IEC 60127-2:2014+Amd1:2020 ‘Miniature fuses – Part 2: Cartridge fuse-links’ issued by the International Electrotechnical Commission (IEC) is proposed to be adopted by the Bureau of Indian Standards on the recommendation of the Fuses Sectional Committee and approval of the Electrotechnical Division Council.

This standard was initially published in 1989 and subsequently revised based on IEC 60127-2:2003. The second revision of this standard has been undertaken to align it with the latest version of IEC.

The text of the IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 60068-2-20, Environmental testing – Part 2-20: Tests – Test T: Test methods for solderability and resistance to soldering heat of devices with leads	IS/IEC 60068-2-20 : 2021, Environmental testing – Part 2-20: Tests – Test T: Test methods for solderability and resistance to soldering heat of devices with leads	Identical
IEC 60068-2-21:2006, Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices	IS 9000 (Part 19 / Sec 1 to 5) : 1986, Basic Environmental Testing Procedures for Electronic and Electrical Items Part 19 Test U : Robustness of Terminations and Integral Mounting Devices	Identical with IEC 60068-2-21:1983

IEC 60127-1:2006, Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links Amendment 1:2011	ETD 39 (24478) , Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links	Identical with IEC 60127-1:2023
ISO 3, Preferred numbers – Series of preferred numbers	IS 1076 (Part 1) : 1985, Preferred numbers: Part 1 series of preferred numbers	Identical with ISO 3 : 1973

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*Second Revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Note: The technical content of their document has not been enclosed as there are identical with the corresponding IEC standards for details, please refer the corresponding IEC 60127-2:2014+Amd1:2020 or kindly contact:

Head
Electrotechnical Department
Bureau of Indian Standards
9, B.S. Zafar Marg,
New Delhi-110002
Email: eetd@bis.gov.in
Telephone: 011-23231192 / 8284