



SLOVENSKI STANDARD
oSIST prEN IEC 61058-1-1:2026

01-februar-2026

Stikala za aparate - 1-1. del: Zahteve za mehanske stikalne konstrukcije

Switches for appliances - Part 1-1: Requirements for mechanical switches

Geräteschalter - Teil 1-1: Anforderungen an mechanische Schalter

Interrupteurs pour appareils - Partie 1-1: Exigences relatives aux interrupteurs mécaniques

Ta slovenski standard je istoveten z: prEN IEC 61058-1-1:2025

ICS:

29.120.40

Stikala

Switches

oSIST prEN IEC 61058-1-1:2026

en



23J/495/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: IEC 61058-1-1 ED2	
DATE OF CIRCULATION: 2025-11-14	CLOSING DATE FOR VOTING: 2026-02-06
SUPERSEDES DOCUMENTS: 23J/487/CD, 23J/491/CC	

IEC SC 23J : SWITCHES FOR APPLIANCES	
SECRETARIAT: Germany	SECRETARY: Mr Axel Klingberg
OF INTEREST TO THE FOLLOWING COMMITTEES: SC 23B, SC 23G, SC 23H, TC 116	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED: Safety	
☒ 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.	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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:

Switches for appliances - Part 1-1: Requirements for mechanical switches

PROPOSED STABILITY DATE: 2029

NOTE FROM TC/SC OFFICERS:

Copyright © 2025 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

1		
2	CONTENTS	2
3	FOREWORD	4
4	1 Scope	6
5	2 Normative references	6
6	3 Terms and definitions	6
7	4 General requirements	6
8	5 General information on tests	6
9	6 Rating	8
10	7 Classification	8
11	8 Marking and documentation	8
12	9 Protection against electric shock	8
13	10 Provision for earthing	8
14	11 Terminals and terminations	9
15	12 Construction	9
16	13 Mechanism	9
17	14 Protection against ingress of solid foreign objects, ingress of water and humid 18 conditions	9
19	15 Insulation resistance and dielectric strength	9
20	16 Heating	9
21	17 Endurance	9
22	17.1 General requirements	9
23	17.2 Electrical endurance tests	10
24	17.3 Thermal conditions	12
25	17.4 Actuating conditions	12
26	17.5 Type of test condition (TC)	14
27	17.5.7 DC arc extinction test (TC11)	15
28	17.6 Evaluation of compliance	15
29	17.6.1 Functional compliance (TE1)	15
30	17.6.2 Thermal compliance (TE2)	15
31	17.6.3 Insulating compliance (TE3)	15
32	17.6.4 Earthing Fuse compliance (TE4)	16
33	17.6.5 Compliance of arcing time (arc duration) (TE5)	16
34	18 Mechanical strength	16
35	19 Screws, current-carrying parts and connections	16
36	20 Clearances, creepage distances, solid insulation and coatings of rigid printed 37 board assemblies	16
38	21 Fire hazard	16
39	22 Resistance to rusting	16
40	23 Abnormal operation and fault conditions for switches	16
41	24 Components for switches	16
42	25 EMC requirements	17
43	Bibliography	18
44		
45	Table 1 – Test specimens	7