DRAFT TANZANIA STANDARD

(Draft for comments only)

Switches for household and similar fixed electrical installations-
Part 2-3: Particular requirements-Time delay switches (TDS)

TANZANIA BUREAU OF STANDARDS
1 National Foreword

This draft Tanzania Standard has been prepared by the Electrical Installation Technical Committee, under the supervision of the Electrotechnical Divisional Standards Committee (EDC). This draft Tanzania Standard is identical to International Standard IEC 60669-2-3:2006 Switches for household and similar fixed electrical installations-Part 2-3: Particular requirements-Time delay switches (TDS), which has been prepared by the International Electrotechnical Commission.

This draft Tanzania Standard replaces TZS 771-2-3:2003 which has become technically revised due to international developments.

2 Terminology and conventions

Some terminologies and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following:

1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.

2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”.

3) The rated supply frequencies for Tanzania should be 50 Hz.
Switches for household and similar fixed electrical installations –
Part 2-3: Particular requirements – Time delay switches (TDS)
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SWITCHES FOR HOUSEHOLD AND SIMILAR FIXED ELECTRICAL INSTALLATIONS –

Part 2-3: Particular requirements –
Time-delay switches (TDS)

FOREWORD

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8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.

9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60669-2-3 has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories.

This third edition cancels and replaces the second edition published in 1997 of which it constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- clarification of the scope to exclude electronic TDS (to be covered by IEC 60669-2-1);
- introduction of requirements for SELV/PELV.
The text of this standard is based on the following documents:

<table>
<thead>
<tr>
<th>FDIS</th>
<th>Report on voting</th>
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<tbody>
<tr>
<td>23B/826/FDIS</td>
<td>23B/840/RVD</td>
</tr>
</tbody>
</table>

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

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

This part of IEC 60669-2 is to be used in conjunction with IEC 60669-1. It lists the changes necessary to convert that standard into a specific standard for time-delay switches.

In this publication, the following print types are used:
- requirements proper: in roman type;
- test specifications: in italic type;
- notes: in smaller roman type.

Subclauses, figures or tables which are additional to those in part 1 are numbered starting from 101.

A list of all parts of IEC 6069 series, under the general title *Switches for household and similar fixed-electrical installations*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under “http://webstore.iec.ch” in the data related to the specific publication. At this date, the publication will be
- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.
1 Scope

This clause of part 1 is applicable except as follows:

Replacement of the first paragraph by:

This part of IEC 60669 applies to time-delay switches (hereinafter referred to as TDS) with a rated voltage not exceeding 440 V and a rated current not exceeding 63 A, intended for household and similar fixed electrical installations, either indoors or outdoors, operated by hand and/or by remote control.

TDS are provided with a time-delay device operated by mechanical, thermal, pneumatic, hydraulic or electrical means or by a combination of them.

Electronic TDS are within the scope of IEC 60669-2-1.

TDS including only passive components such as resistors, capacitors, PTC and NTC components and printed wiring boards are not considered to be electronic TDS.

2 Normative references

This clause of part 1 is applicable with the following additions:

IEC 60317, Specifications for particular types of winding wires

IEC 60445:1999, Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals and of terminations of certain designated conductors, including general rules for an alphanumerical system

IEC 60669-2-1:2002, Switches for household and similar fixed-electrical installations – Part 2-1: Particular requirements – Electronic switches

IEC 61140, Protection against electric shock – Common aspects for installation and equipment

IEC 61558-2-6:1997, Safety of power transformers, power supply units and similar – Part 2-6: Particular requirements for safety isolating transformers for general use