



MALAYSIAN STANDARD

MS IEC 60669-1:2017

**Switches for household and similar fixed-
electrical installations – Part 1: General
requirements
(Second revision)
(IEC 60669-1:2017, IDT)
(Published by Standards Malaysia in 2022)**

ICS: 29.120.40

Descriptors: specification, portable cable reels, domestic, similar purposes

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Committee representation

The National Standards Committee on Generation, Transmission and Distribution of Energy (NSC E) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Department of Standards Malaysia (Secretariat)
Federation of Malaysian Manufacturers
Jabatan Kerja Raya Malaysia
Malaysia Cable Manufacturers Association
Malaysia Nuclear Power Corporation
Malaysian Communications and Multimedia Commission
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The Electrical and Electronics Association of Malaysia
The Institution of Engineers, Malaysia
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The Technical Committee on LVAC Transformers, Switchgears and Electrical Accessories (NSC E/TC 5) which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

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The Electrical and Electronics Association of Malaysia
Universiti Malaya

The Working Group on Plugs, Socket-outlets and Switches (NSC E/TC 5/WG 3) which developed this Malaysian Standard consists of representatives from the following organisations:

Department of Standards Malaysia (Secretariat)
Eaton Industries Sdn Bhd
Grandtop High Voltage Technology Sdn Bhd
Hager Engineering (M) Sdn Bhd
ITS Testing Services (M) Sdn Bhd
Jabatan Kerja Raya Malaysia
MK Electric (M) Sdn Bhd
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Suruhanjaya Tenaga
Time Era Sdn Bhd
United MS Electrical Mfg (M) Sdn Bhd

MS IEC 60669-1:2017

National Foreword

The adoption of the IEC Standard as a Malaysian Standard was recommended by the Working Group on Plugs, Socket-outlets and Switches under the authority of the National Standards Committee on Generation, Transmission and Distribution of Energy.

This Malaysian Standard is identical with IEC 60669-1:2017, *Switches for household and similar fixed electrical installation – Part 1: General requirements* published by the International Electrotechnical Commission (IEC). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard " should read "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a point;
- c) the basis IEC 60669-1 is printed in English and French. However, only the English version is retained in this Malaysian Standard; and
- d) reference to International Standards should be replaced by corresponding Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
IEC 60038, <i>IEC standard voltages</i>	MS IEC 60038, <i>IEC standard voltages</i>
IEC 60529, <i>Degrees of protection provided by enclosures (IP Code)</i>	MS IEC 60529, <i>Degrees of protection provided by enclosures (IP Code)</i>
IEC 60669-2-1, <i>Switches for household and similar fixed electrical installations – part 2-1: particular requirements – Electronic switches</i>	MS IEC 60669-2-1, <i>Switches for household and similar fixed electrical installations – part 2-1: particular requirements – Electronic switches</i>
IEC 60998-1, <i>Connecting devices for low-voltage circuits for household and similar purposes - Part 1: General requirements</i>	MS IEC 60998-1, <i>Connecting devices for low-voltage circuits for household and similar purposes - Part 1: General requirements</i>
IEC 60998-2-1, <i>Connecting devices for low-voltage circuits for household and similar purposes - Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units</i>	MS IEC 60998-2-1, <i>Connecting devices for low-voltage circuits for household and similar purposes - Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units</i>
IEC 60998-2-2, <i>Connecting devices for low-voltage circuits for household and similar purposes - Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units</i>	MS IEC 60998-2-2, <i>Connecting devices for low-voltage circuits for household and similar purposes - Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units</i>

National Foreword *(continued)*

Referenced International Standards

IEC 60998-2-3, *Connecting devices for low-voltage circuits for household and similar purposes - Part 2-3: Particular requirements for connecting devices as separate entities with insulation-piercing clamping units*

IEC 60998-2-4, *Connecting devices for low-voltage circuits for household and similar purposes - Part 2-4: Particular requirements for twist-on connecting devices*

IEC 61032, *Protection of persons and equipment by enclosures – Probes for verification*

Corresponding Malaysian Standards

MS IEC 60998-2-3, *Connecting devices for low-voltage circuits for household and similar purposes - Part 2-3: Particular requirements for connecting devices as separate entities with insulation-piercing clamping units*

MS IEC 60998-2-4, *Connecting devices for low-voltage circuits for household and similar purposes - Part 2-4: Particular requirements for twist-on connecting devices*

MS IEC 61032, *Protection of persons and equipment by enclosures – Probes for verification*

This Malaysian Standard cancels and replaces MS IEC 60669-1:2012.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.