MALAYSIAN STANDARD

MS 589-2:2018

13 A plugs, socket-outlets, adaptors and connection units - Part 2: Specification for 13 A switched and unswitched socket-outlets (Fourth revision)

ICS: 29.120.30

Descriptors: specification, plugs, fuse, socket-outlets, adaptors, connection unit, switched, unswitched

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MALAYSIA

Tel: 60 3 8318 0002
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MALAYSIA

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Fax: 60 3 5510 8095
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Committee representation

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

Association of Consulting Engineers Malaysia
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Jabatan Kerja Raya Malaysia
Malaysia Nuclear Power Corporation
Malaysian Association of Standards Users
Malaysian Cable Manufacturers Association
Malaysian Electrical Appliances and Distributors Association
Malaysian Green Technology Corporation
Persatuan Kontraktor Elektrikal dan Mekanikal Melayu Malaysia
Sabah Electricity Sdn Bhd
Sarawak Energy Berhad
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Komunikasi dan Multimedia Malaysia
Suruhanjaya Tenaga
Sustainable Energy Development Authority Malaysia
Tenaga Nasional Berhad
The Electrical and Electronics Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Malaya

The Technical Committee on LVAC Transformers, Switchgears and Electrical Accessories which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
Association of Suppliers Against Fake Electrical Equipment
Jabatan Kerja Raya Malaysia
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Tenaga
The Electrical and Electronics Association of Malaysia
TNB Distribution Sdn Bhd
Universiti Malaya

Co-opted members:

Megapower Manufacturing (M) Sdn Bhd
Schneider Electric Industries (M) Sdn Bhd

The Working Group on Plugs, Socket-outlets and Switches which developed this Malaysian Standard consists of representatives from the following organisations:

Eaton Industries Sdn Bhd
Hager Engineering (M) Sdn Bhd
Independent
Jabatan Kerja Raya Malaysia
MK Electric (M) Sdn Bhd
Schneider Electric (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Department)
SIRIM QAS International Sdn Bhd (Testing Services Department)
Suruhanjaya Tenaga
Time Era Sdn Bhd
United MS Electrical Mfg (M) Sdn Bhd

Foreword

This Malaysian Standard was developed by the Working Group on Plugs, Socket-outlets and Switches under the authority of the Industry Standards Committee on Generation, Transmission and Distribution of Energy.

Major modifications in this revision are as follows.

a) Inclusion of additional requirements for plugs suitable for electric vehicle charging; and

b) incorporation of Annex J which provides requirements for incorporated electronic components.

MS 589 consists of the following parts, under the general title *13 A plugs, socket-outlets, adaptors and connection units*:

Part 1: Specification for rewirable and non-rewirable 13 A fused plugs

Part 2: Specification for 13 A switched and unswitched socket-outlets

Part 3: Specification for adaptors

Part 4: Specification for 13 A fused connection units switched and unswitched

This Malaysian Standard cancels and replaces MS 589-2:2011, *13 A Plugs, socket-outlets, adaptors and connection units - Part 2: Specification for 13 A switched and unswitched socket-outlets (Third revision).*

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

