MALAYSIAN STANDARD

MS 589-1:2011

13A PLUGS, SOCKET-OUTLETS, ADAPTORS AND CONNECTION UNITS - PART 1: SPECIFICATION FOR REWIRABLE AND NON-REWIRABLE 13A FUSED PLUGS (THIRD REVISION)

ICS: 29.120.30

Descriptors: plugs, socket-outlets, adaptors, connection units, specification, rewirable, non-rewirable

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Committee representation

The Industry Standards Committee on Generation, Transmission and Distribution of Electrical 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
Independent Power Producer Association
Jabatan Kerja Raya Malaysia
Malaysian Association of Standards Users
Malaysian Cable Manufacturers Association
Malaysian Electrical Appliances and Distributors Association
Ministry of Domestic Trade, Co-operatives and Consumerism
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Suruhanjaya Tenaga
Tenaga Nasional Berhad
The Electrical and Electronics Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Low Voltage Switchgears, Controlgears and Wiring Accessories which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

ABB Industry Pte Ltd
Association of Consulting Engineers Malaysia
Association of Suppliers Against Fake Electrical Equipment
Clipsal International Pte Ltd
Clipsal Manufacturing (M) Sdn Bhd
Federation of Malaysian Manufacturers
Jabatan Kerja Raya Malaysia
Megapower Manufacturing (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Tenaga
The Electrical and Electronics Association of Malaysia
TNB Distribution Division
TNB Research Sdn Bhd
Universiti Malaya

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

Clipsal International Pte Ltd
Clipsal Manufacturing (M) Sdn Bhd
Hager Engineering (M) Sdn Bhd
Jabatan Kerja Raya Malaysia
Khind Mistral Industries Sdn Bhd
MK Electric (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Tenaga
Time Era Sdn Bhd
TNB Distribution Division
UMS Electrical Mfg (M) Sdn Bhd

FOREWORD

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

This Malaysian Standard is the third revision of MS 589: Part 1, *Specification for 13A plugs, socket-outlets, adaptors and connection units - Part 1: Specification for rewirable and non-rewirable 13A fused plugs.*

Major modification in this revision is the introduction of new requirements as follows:
a) Impulse voltage test
b) Insulated shutter opening device (ISOD)

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

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

Part 2: Specification for switched and unswitched socket-outlets

Part 3: Specification for adaptors

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

This Malaysian Standard cancels and replaces MS 589: Part 1:1997.

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

Attention is drawn to Electricity Supply Act 1990 (Act 447) and Electricity Regulations 1994.