



MALAYSIAN STANDARD

MS IEC 61537:2007

CABLE TRAY SYSTEMS AND CABLE LADDER SYSTEMS FOR CABLE MANAGEMENT (IEC 61537:2001, IDT)

ICS: 29.120.10

Descriptors: cable tray systems, cable ladder systems, cable management

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Fax: 60 3 88885060

Tel: 60 3 5544 6000
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<http://www.sirim.my>

E-mail: central@standardsmalaysia.gov.my

CONTENTS

	Page
Committee representation	v
National foreword	vi
Foreword.....	vii
1 Scope	9
2 Normative references	9
3 Definitions	9
4 General requirements	15
5 General conditions for tests.....	17
6 Classification.....	17
7 Marking and documentation	21
8 Dimensions	25
9 Construction	25
10 Mechanical properties	27
11 Electrical properties	45
12 Thermal properties.....	47
13 Fire hazards	47
14 External influences	51
15 Electromagnetic compatibility (EMC).....	53
 Annexes	
A (informative) Sketches of typical cable tray lengths and cable ladder lengths	87
B (informative) Sketches of typical support devices	89
C (informative) Protective earth (PE) function.....	93
D (normative) Methods of applying a UDL for SW L tests.....	95

CONTENTS *(continued)*

	Page
E (informative) Typical methods of applying a UDL for SW L tests.....	107
F (informative) Example for the determination of TDF.....	109
G (informative) Example for clarification of allowed creep.....	113
H (informative) Information for a safe installation of pendants with cantilever Brackets.....	115
I (informative) Summary of compliance checks	119
Bibliography	121
 Figures	
1 Safe working load test?General arrangement	55
2 Safe working load test types I, II and III (see 10.3.1 to 10.3.3)	59
3 Safe working load test IV (see 10.3.4)	61
4 Safe working load test type V (see 10.3.5).....	61
5 Safe working load test for fittings	67
6 Test set-up for cantilever brackets	73
7 Test set-up for pendants	77
8 Impact test stroke arrangement	79
9 Test set-up for electrical continuity	81
10 Arrangement for the flame test.....	83
11 Enclosure for the flame test	85
A.1 Solid bottom cable tray lengths	87
A.2 Perforated cable tray lengths	87
A.3 Mesh cable tray lengths	87
A.4 Cable ladder lengths	87

CONTENTS *(continued)*

	Page
B.1 Cantilever brackets	89
B.2 Pendants.....	91
B.3 Fixing brackets	91
D.1 Examples of distribution load points across the width	95
D.2 Distributed loads	97
D.3 Equispaced point loads	99
D.4 Examples of test load distribution on cable ladder lengths	101
D.5 <i>n</i> rungs.....	101
D.6 Three rungs	103
D.7 Two rungs	103
D.8 One rung.....	105
D.9 Cantilever with extension.....	105
G.1 Example for clarification of allowed creep	113
H.1 Forces on pendant and cantilever bracket	115
H.2 Illustration of the safe area	117
 Tables	
1 Minimum temperature classification	19
2 Maximum temperature classification	19
3 Perforation base area classification.....	21
4 Free base area classification	21
5 Impact test values	45
D.1 Number of point loads across the width.....	95
D.2 Number of point loads along the length	97

CONTENTS *(continued)*

	Page
F.1 Manufacturer's declared sizes	109
F.2 Cable tray length, 100 mm wide.....	109
F.3 Cable tray, 400 mm wide.....	111

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Committee representation

The Electrotechnical-1 Industry Standards Committee (ISC E-1) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Department of Standards Malaysia
Federation of Malaysian Consumers Association
Federation of Malaysian Manufacturers
Independent Power Producer
Jabatan Kerja Raya Malaysia
Malaysian Cable Manufacturers Association
Malaysian Electrical Appliances and Distributors Association
Ministry of Domestic Trade and Consumer Affairs
Ministry of International Trade and Industry
Pusat Tenaga Malaysia
SIRIM QAS International Sdn Bhd (Electrotechnical Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Section)
Suruhanjaya Komunikasi dan Multimedia Malaysia
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 supervises adoption of the IEC Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
ABB Installations Materials (East Asia) Pte Ltd
Clipsal International Pte Ltd
Clipsal (Malaysia) Sdn Bhd
Hager Engineering (M) Sdn Bhd
Jabatan Kerja Raya Malaysia
Megapower Manufacturing (M) Sdn Bhd
Schneider Electric Industries (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Electrotechnical Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Section)
Suruhanjaya Tenaga
The Electrical and Electronics Association of Malaysia
TNB Distribution Division
TNB Research Sdn Bhd
Universiti Malaya

The Working Group on Cable Management Systems which recommends adoption of the IEC Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
Clipsal International Pte Ltd
Davis Quantec Systems (Asia) Sdn Bhd
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerja Raya Malaysia
Megapower Manufacturing (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Electrotechnical Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Section)
Suruhanjaya Tenaga
The Electrical and Electronics Association of Malaysia
TNB Distribution Division
United U-li Corporation Berhad

NATIONAL FOREWORD

The adoption of the IEC Standard as a Malaysian Standard was recommended by the Working Group on Cable Management Systems under the authority of the Electrotechnical-1 Industry Standards Committee.

This Malaysian Standard is identical with IEC 61537:2001, *Cable tray systems and cable ladder systems for cable management*, 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; and
- c) the basis IEC 61537 is printed in English and French languages. However, only the English version is applied for this Malaysian Standard.

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.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CABLE TRAY SYSTEMS AND CABLE LADDER SYSTEMS
FOR CABLE MANAGEMENT**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61537 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories.

The text of this standard is based on the following documents:

FDIS	Report on voting
23A/365/FDIS	23A/366/RVD

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 3.

Annexes A, B, C, E, F, G, H and I are for information only.

Annex D forms an integral part of this standard.

The committee has decided that the contents of this publication will remain unchanged until 2004-02. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.