

PEMBERITAHUAN
PENAMBAHAN KATEGORI KELENGKAPAN ELEKTRIK YANG
MEMERLUKAN PERAKUAN KELULUSAN

Di bawah peruntukan Peraturan 97 (1) Peraturan-Peraturan Elektrik 1994, adalah menjadi tanggungjawab kepada pengilang dan pengimport kelengkapan elektrik untuk mendapatkan Perakuan Kelulusan terlebih dahulu dari Suruhanjaya Tenaga (ST) bagi kelengkapan elektrik yang hendak dikilang atau diimport sebelum boleh dijual di pasaran. ST sehingga kini telah mewajibkan sebanyak 31 kategori kelengkapan elektrik yang dikawal untuk mendapatkan Perakuan Kelulusan dari ST.

Dalam usaha untuk meningkatkan tahap keselamatan kelengkapan elektrik yang semakin bertambah di pasaran, ST telah menyemak semula dan menambah tiga (3) lagi kategori baru dan beberapa jenis kelengkapan di bawah kategori sedia ada yang wajib mendapatkan Perakuan Kelulusan. Senarai baru bagi 34 kategori kelengkapan elektrik adalah seperti di **Lampiran A**.

Pemberitahuan ini berkuatkuasa mulai **01 Januari 2013**.

Jika ada sebarang pertanyaan lanjut berkaitan dengannya, sila hubungi pegawai-pegawai berikut:

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Sekian, dimaklumkan.

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LIST OF REGULATED ELECTRICAL EQUIPMENT

Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
1	PLUG TOP/PLUG (15A and below)	Flat Non-Rewirable Two Pole Plug with supply cord (max. 2.5A)	MS 1578:2003	BS EN 50075:1991
		13 A Fused Plug	MS 589-1:2011	BS 1363:PT.1: 1995
		15 A Plug	MS 1577:2003	No corresponding international standard
		Appliance Coupler	MS IEC 60320-1:2010	IEC 60320-1:2007
		Interconnection Coupler	MS IEC 60320-1:2010 MS IEC 60320-2-2:2011	IEC 60320-1:2007 IEC 60320-2-2: 1998
		Adaptor (Multiways)	MS 589 PT.3:1998	BS 1363 PT.3:1995
		Integrated Adaptor	MS 1144:1998	BS 5733:2010
		Electrical Connector (connecting device)	MS IEC 60998-1:2005	IEC 60998-1:2002
		Connecting device with screw type clamping unit	MS IEC 60998-1:2005 MS IEC 60998-2-1:2005	IEC 60998-1:2002 IEC 60998-2-1:2002
		Connecting device with screw-less type clamping unit	MS IEC 60998-1:2005 MS IEC 60998-2-2:2005	IEC 60998-1:2002 IEC 60998-2-2:2005
		Connecting device with insulation-piercing clamping units	MS IEC 60998-1:2005 MS IEC 60998-2-3:2005	IEC 60998-1:2002 IEC 60998-2-3:2002
		Twist-on connecting device	MS IEC 60998-1:2005 MS IEC 60998-2-4:2005	IEC 60998-1:2002 IEC 60998-2-4:2004
		Connecting boxes	MS IEC 60998-1:2005 MS IEC 60998-2-5:2005	IEC 60998-1:2002 IEC 60998-2-5:2003
2	SWITCH AND DIMMER	General Purpose Switch, Door Bell	MS IEC 60669-1:2004	IEC 60669-1:2007
		Electronic Switch	MS IEC 60669-1:2004 MS IEC 60669-2-1:2004	IEC 60669-1:2007 IEC 60669-2-1:2009
		Remote-control Switch	MS IEC 60669-1:2004 MS IEC 60669-2-2:2004	IEC 60669-1:2007 IEC 60669-2-2:2006
		Time Delay Switch	MS IEC 60669-1:2004 MS IEC 60669-2-3:2004	IEC 60669-1:2007 IEC 60669-2-3:2006
		Cooker Control Unit	No corresponding MS	BS 4177:1992
3	SOCKET OUTLET (15A and below)	Electric Shaver Socket Outlet	MS IEC 61558-1:2005 MS IEC 61558-2-5:2006	IEC 61558-1:2009 IEC 61558-2-5:2010

** New category

* New equipment

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		13A Switch & unswitch socket outlet	MS 589:PT.2:2011	BS 1363:PT 2:1995
		15A socket outlet & Plug	MS 1577:2003	No corresponding international standard
		Portable 2 pin socket outlet class II	MS 1579: 2003	No corresponding international standard
		*Portable cable reel	MS 1141: 2006	IEC 61242: 2008 with modification
4	FLUORESCENT LAMPHOLDER / STARTER HOLDER	Lamp holder for tubular fluorescent lamp	MS IEC 60400: 2006	IEC 60400: 2004
		Starter holder for tubular fluorescent lamp	MS IEC 60400: 2006	IEC 60400: 2004
5	CEILING ROSE	Ceiling Rose	MS 770:1982	BS 67:1987
		*Edison Screw Lamp holder	MS IEC 60238:2008	IEC 60238:2004
6	BAYONET CAP and MULTIWAYS ADAPTOR	Bayonet cap Lampholder, Bayonet Lamp Adaptor.	MS 769:2006	IEC 61184:2008
7	LAMP FITTING	Fixed general purpose Luminaries (excluding Tube/Bulb), *Batten Luminaries (excluding Tube/Bulb), *Luminaries with self-ballasted fluorescent lamp.	MS IEC 60598-1:2006 MS IEC 60598-2-1:1997	IEC 60598-1:2003 IEC 60598-2-1:1987
		Recessed Luminaries (excluding Tube/Bulb)	MS IEC 60598-1:2006 MS IEC 60598-2-2:1998	IEC 60598-1:2003 IEC 60598-2-2:2011
		Glow-starter for tubular fluorescent	MS IEC 60155: 1996	IEC 60155:2006
		*Self-ballasted Compact Florescent Lamp (CFL) with Edison screw or bayonet caps	MS IEC 60968:2006 MS IEC 60969:2006	IEC 60968:1999 IEC 60969:2001
		*LED General and safety for lamp controlgear for use on dc supplies up to 250V and or ac supplies up to 1000V	MS IEC 61347-1:2003	IEC 61347-1:2007
		*Lamp controlgear:	MS IEC 61347-1:2003	IEC 61347-1:2007

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		Particular requirements for d.c or a.c supplied electronic controlgear for LED modules	MS IEC 61347-2-13:2011 (P)	IEC 61347-2-13:2006
		*LED Lampholder (Connectors for LED-modules)	MS IEC 60838-1:2008 MS IEC 60838-2-2:2008	IEC 60838-1:2008 IEC 60838-2-2:2006
		*LED Modules for general lighting (eg. Double capped self-ballasted LED lamp)	MS IEC 62031:2011 with MS IEC 60061-2: 2005	IEC 62031:2008 with IEC 60061-2: 2005
		*Self-ballasted single capped LED-lamps for general lighting services by voltage > 50V	MS IEC 62560:2012 (P)	IEC 62560:2011
8	CAPACITOR for FLUORESCENT LAMP	Capacitors for use in tubular fluorescent lamp and other circuits.	MS IEC 61048: 2006 MS IEC 61049: 1999	IEC 61048: 2006 IEC 61049: 1991
9	BALLAST / CONTROL GEAR / DRIVER FOR LAMP	Magnetic Ballast for tubular fluorescent lamp	MS IEC 61347-1: 2003 MS IEC 61347-2-8:2003 MS 141 PT.2: 1993	IEC 61347-1: 2007 IEC 61347-2-8: 2000 IEC 60921:2004 with modification
		Electronic Ballast for fluorescent lamp	MS IEC 61347-1:2003 MS IEC 61347-2-3:2003 MS IEC 60929: 2008 with MS IEC 61000-3-2: 2003	IEC 61347-1:2007 IEC 61347-2-3:2000 IEC 60929:2011 with IEC 61000-3-2: 2009
10	CIRCUIT BREAKER including AC CURRENT OPERATED EARTH LEAKAGE CIRCUIT BREAKER and MINIATURE CIRCUIT BREAKER	Residual Current Circuit Breaker (RCCB)	MS IEC 61008-1: 2007 MS IEC 61008-2-1: 2003 MS IEC 61008-2-2: 2003	IEC 61008-1: 2002 IEC 61008-2-1: 1990 IEC 61008-2-2: 1990
		Residual Current Breaker with Overcurrent Protection (RCBO)	MS IEC 61009-1: 2005 MS IEC 61009-2-1: 2003 MS IEC 61009-2-2: 2003	IEC 61009-1: 2003 IEC 61009-2-1: 1991 IEC 61009-2-2: 1991
		Miniature Circuit Breaker (MCB) for ac	MS IEC 60898-1: 2007	IEC 60898-1: 2003
		Miniature Circuit Breaker (MCB) for ac & dc	MS IEC 60898-2: 2007	IEC 60898-2: 2003
		Fuse Base & Carrier up	MS IEC 60269-1:2011	IEC 60269-1:2006

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		to 32A	MS IEC 60296-2:2011	IEC 60269-2:2006
		Fuse/Fuse Link up to 63A	MS IEC 60269-2:2011 MS IEC 60269-3:2011	IEC 60269-2:2006 IEC 60269-3:2010
		Switch fuse up to 63A.	MS IEC 60947-1:2010 MS IEC 60947-3:2010	IEC 60947-1:2007 IEC 60947-3:2008
11	PORTABLE LUMINAIRE LAMP	Standing Lamp with detachable or non-detachable mains supply flexible cord, Standing Lamp & adaptor, Table lamp with detachable or non-detachable mains supply flexible cord, Table Lamp & adaptor, *Night Lamp integral with direct in plug. *Portable LED Lamp	MS IEC 60598-1: 2006 MS IEC 60598-2-4: 2003	IEC 60598-1:2003 IEC 60598-2-4: 1997
		Hand Lamp & adaptor,	MS IEC 60598-1: 2006 MS IEC 60598-2-8:2006	IEC 60598-1:2003 IEC 60598-2-8:2007
12	KETTLE including HEATING ELEMENTS IF SUPPLIED SEPARATELY	Warming Plate	MS IEC 60335-1:2005 MS IEC 60335-2-12:2003	IEC 60335-1:2004 IEC 60335-2-12:2002
		Deep Fryer	MS IEC 60335-1:2005 MS IEC 60335-2-13:2006	IEC 60335-1:2004 IEC 60335-2-13:2004
		Heating Liquids such as: Coffee / Tea Maker, Food Steamer, Egg Boiler, Jug, Slow Cooker, Steam Boat, Kettle,	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-15:2002

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		Airpot, * Bottle Warmer, * Sterillizer.		
		Multi-purpose cooker	MS IEC 60335-1:2005 MS IEC 60335-2-9:2006 MS IEC 60335-2-13:2006 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-9:2006 IEC 60335-2-13:2004 IEC 60335-2-15:2002
		*Water Dispenser/Filter	MS IEC 60335-1:2005	IEC 60335-1:2004
		Water Dispenser - Hot	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-15:2002
		Water Dispenser - Cold	MS IEC 60335-1:2005 MS IEC 60335-2-24:2004 or MS 1597-2-75:2005	IEC 60335-1:2004 IEC 60335-2-24:2010 or IEC 60335-2-75:2005
		Water Dispenser - Hot and Cold	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004 with MS IEC 60335-2-24:2005 or MS 1597-2-75:2005	IEC 60335-1:2004 IEC 60335-2-15:2002 with IEC 60335-2-24:2010 or IEC 60335-2-75:2005
		Built in Hob	MS IEC 60335-1:2005 No corresponding MS	IEC 60335-1:2004 IEC 60335-2-36:2002
13	KITCHEN MACHINE	Blender, Chopper, Food Processor, Juice Extractor, Grinder , Mixer.	MS IEC 60335-1:2005 MS IEC 60335-2-14:2003	IEC 60335-1:2004 IEC 60335-2-14:2002
14	TOASTER / OVEN (Cooking Appliance)	Stationary Electric Oven, Induction Hob.	MS IEC 60335-1:2005 MS IEC 60335-2-6:2007 or MS IEC 60335-1:2005 MS 1597:Part 2-6:2003	IEC 60335-1:2004 IEC 60335-2-6:2005
		Bread Maker, Bread Toaster, Portable Oven, Induction Cooker, Grill, Sandwich Maker/	MS IEC 60335-1:2005 MS IEC 60335-2-9:2006	IEC 60335-1:2004 IEC 60335-2-9:2006

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		Waffle Maker, Roaster.		
		Microwave Oven	MS IEC 60335-1:2005 MS IEC 60335-2-25:2007	IEC 60335-1:-2004 IEC 60335-2-25:2006
15	RICE COOKER	Rice Cooker	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-15:2002
16	REFRIGERATOR	Refrigerator, Freezer, Minibar.	MS IEC 60335-1:2005 MS 1597:Part 2-24:2005	IEC 60335-1:-2004 IEC 60335-2-24:2005 with modification
17	IMMERSION WATER HEATER	Fixed Immersion Heater	MS IEC 60335-1:2005 No corresponding MS	IEC 60335-1:-2004 IEC 60335-2-73:2002
		Portable Immersion Heater	MS IEC 60335-1:2005 MS IEC 60335-2-74:2010	IEC 60335-1: 2004 IEC 60335-2-74:2006
18	WATER HEATER including HEATING ELEMENTS IF SUPPLIED SEPARATELY	Storage Water Heater	MS IEC 60335-1:2005 MS 1597-2-21:2011 or MS IEC 60335-2-21:2005	IEC 60335-1:2004 IEC 60335-2-21:2004 with modification
		Instantaneous Water Heater	MS IEC 60335-1: 2005 MS 1597-2-35:2010	IEC 60335-1:2004 IEC 60335-2-35:2006 with modification
19	WASHING MACHINE	Washing Machine having drying	MS IEC 60335-1:2005 MS 1597:Part 2-7:2005	IEC 60335-1:2004 IEC 60335-2-7:2003 with modification
		Washing Machine with separate spin container	MS IEC 60335-1:2005 MS IEC 60335-2-4:2007 MS 1597:Part 2-7 :2005	IEC 60335-1:2004 IEC 60335-2-4:2006 IEC 60335-2-7:2003
		Tumbler Dryers	MS IEC 60335-1:2005 MS IEC 60335-2-11:2003	IEC 60335-1:2004 IEC 60335-2-11:2003
		Cloth Dryers (<i>on rack located</i>)	MS IEC 60335-1:2005 MS IEC 60335-2-43:2007	IEC 60335-1:2004 IEC 60335-2-43:2005
		*Dish Washer and other utensils.	MS IEC 60335-1:2005 MS 1597:Part 2-5:2005	IEC 60335-1:2004 IEC 60335-2-5:2005
20	FAN	Moving-louver fan, Ceiling fan, Auto fan, Pedestal fan, Table fan, Wall fan & applies to their	MS IEC 60335-1:2005 MS 1597:Part 2-80:2010 MS 1220:2010	IEC 60335-1:2004 IEC 60335-2-80:-2004 with modification for ceiling fan only IEC 60879:1986 with modification

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		separate regulators and with blade.		
		Ventilating fan, *Decorative fan & applies to their separate regulators and fan without blade.	MS IEC 60335-1:2005 MS 1597:Part 2-80:2010	IEC 60335-1:2004 IEC 60335-2-80:2004 with modification for ceiling type fan only
		Range Hood	MS IEC 60335-1:2005 MS IEC 60335-2-31:2003	IEC 60335-1:2004 IEC 60335-2-31:2002
		Cleaning Appliances (eg. Air Purifier)	MS IEC 60335-1:2003 MS IEC 60335-2-65:2006	IEC 60335-1:2004 IEC 60335-2-65:2005
		Humidifiers (eg. Air Cooler)	MS IEC 60335-1:2005 MS IEC 60335-2-98:2003	IEC 60335-1:2004 IEC 60335-2-98:2002
21	HAND OPERATED HAIR DRYER/ HAIRCARE/ SKIN CARE	Hair Dryer, Hair Styling Set, *Ionic Facial Sauna or similar to it.	MS IEC 60335-1:2005 MS IEC 60335-2-23:2007	IEC 60335-1:2004 IEC 60335-2-23:2005
22	IRON	Iron Fabric Steamer	MS IEC 60335-1:2005 MS IEC 60335-2-3:2006 MS IEC 60335-1:2005 MS IEC 60335-2-85:2003	IEC 60335-1:2004 IEC 60335-2-3:2005 IEC 60335-1:2004 IEC 60335-2-85:2002
23	SHAVER	Shaver, Hair Clippers.	MS IEC 60335-1:2005 No corresponding MS	IEC 60335-1:2004 IEC 60335-2-8:2008
24	VAPORISER	Mosquito Matt Vapor, Aroma Vapor (eg. Air Freshener)	MS IEC 60335-1:2005 MS IEC 60335-2-101:2003	IEC 60335-1:2004 IEC 60335-2-101:2002
25	VACUUM CLEANER	Vacuum Cleaner, Water Suction Cleaning.	MS IEC 60335-1:2005 MS IEC 60335-2-2:2006	IEC 60335-1:2004 IEC 60335-2-2:2004
26	HI-FIDELITY SET	Sub-woofer, Amplifier, Cassette Player, Equalizer / Mixer, Hi-Fi System, Karaoke, PA System, Portable Hi-Fi System, Portable Radio Cassette,	MS IEC 60065: 2007	IEC 60065: 2011

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		Player / Recorder, Radio, Radio Alarm, Tuner / Receiver, Turn tables / Record Players, Compact Disc Player, *Audio/Video Recorder up to 4 channels.		
27	VIDEO and VISUAL DISPLAY UNIT	Electronic appliances such as: LCD, LED, Plasma, CRT, and similar to it.	MS IEC 60065:2007	IEC 60065:2011
28	AUDIO and VIDEO PLAYER UNIT	VCD , Laser Disc, Video Cassette Recorder, DVD , Video Rewinder, Children Video Game.	MS IEC 60065:2007	IEC 60065:2011
29	** MASSAGER	*Foot Massagers, *Massage Bed, *Massage Chair, *Massage Pads, *Handheld Massagers, *Massage Belts.	MS IEC 60335-1:2005 MS IEC 60335-2-32:2003	IEC 60335-1:2004 IEC 60335-2-32:2002
30	** AIR CONDITIONER (up to 4hp)	*Split Air-conditioner, *Portable Air conditioner, *Ceiling Air-conditioner.	No corresponding MS	IEC 60335-1 :2004 IEC 60335-2-40:2005
31	CHRISTMAS LIGHT	Lighting Chain, Rope Light,	MS IEC 60598-1:2006 MS IEC 60598-2-20:2005	IEC 60598-1:2003

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		Decorative / Festive Light.		
32	DOMESTIC POWER TOOLS (Portable Type)	Drill (Drill bit size up to 15 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-1:2011	IEC 60745-1:2006 IEC 60745-2-1:2008
		Grinder (up to 100 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-3:2010	IEC 60745-1:2006 IEC 60745-2-3:2006
		Sander (up to 300 W)	MS IEC 60745-1:2010 MS IEC 60745-2-4:2011	IEC 60745-1:2006 IEC 60745-2-4:2006
		Circular Saw and circular knife (Cutting Blade up to 160 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-5:2010	IEC 60745-1:2006 IEC 60745-2-5:2006
		Spray gun for non-flammable liquid (up to 100 bars)	MS IEC 60745-1:2010 MS IEC 60745-2-7:2005	IEC 60745-1:2006 IEC 60745-2-7:1989
		Jig and Sabre Saw (up to 60 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-11:2011	IEC 60745-1:2006 IEC 60745-2-11:2006
		Planer (up to 500 W)	MS IEC 60745-1:2011 MS IEC 60745-2-14:2011	IEC 60745-1:2006 IEC 60745-2-14:2006
		Trimmer (up to 300 W) Hedge trimmer and Grass shears (up to 750 W)	MS IEC 60745-1:2010 MS IEC 60745-2-15:2011	IEC 60745-1:2006 IEC 60745-2-15:2006
		Router and trimmer (up to 500 W)	MS IEC 60745-1:2010 MS IEC 60745-2-17:2005	IEC 60745-1:2006 IEC 60745-2-17:2003
		High Pressure Cleaner	MS IEC 60335-1:2005 MS IEC 60335-2-79:2007	IEC 60335-1:2004 IEC 60335-2-79:2005
		Sewing Machine	MS IEC 60335-1:2005 MS IEC 60335-2-28:2003	IEC 60335-1:2004 IEC 60335-2-28:2002
		Portable Heating Tool such as: Soldering Gun, Soldering Iron, Heat Gun, Hot Air Firelighters, Glue gun.	MS IEC 60335-1:2005 MS IEC 60335-2-45:2003	IEC 60335-1:2004 IEC 60335-2-45:2002

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
33	*ADAPTOR / CHARGER	Portable Battery Charger (up to 12 V)	MS IEC 60335-1:2005 MS IEC 60335-2-29:2005	IEC 60335-1:2004 IEC 60335-2-29:2004
		*Adaptor for IT Equipment (up to 20V)	MS IEC 60950-1:2007	IEC 60950-1:2005
		General electrical appliances, Electronic Isolating Transformer	MS IEC 61558-1:2005 MS IEC 61558-2-6:2006	IEC 61558-1:2009 IEC 61558-2-6:2009
		*Switching mode power supply	MS IEC 61558-1:2005 MS IEC 61558-2-17:2007	IEC 61558-1:2009 IEC 61558-2-17:2009
		*Electric toys	MS IEC 61558-1:2005 MS IEC 61558-2-7:2007	IEC 61558-1:2009 IEC 61558-2-7:2007
		Audio video equipment	MS IEC 60065:2007	IEC 60065:2011
		*IT & Office products	MS IEC 60950-1:2007	IEC 60950-1:2005
		Shavers	MS IEC 60335-1: 2005 No corresponding MS	IEC 60335-1: 2004 IEC 60335-2-8:2008
34	WIRE / CABLE / CORD (non-armoured) 0.5mm² to 35mm²	Polyvinyl chloride (PVC) Insulated flexible cord and cable	MS 140:1987 or MS 2112-5:2009	BS 6500:2000 or IEC 60227-1:2007 IEC 60227-5:2011
		Rubber insulated cord and flexible cables	MS 140:1987	BS 6500:2000 or IEC 60245-1:2003 IEC 60245-4:2011
		PVC-insulated cable (non-armoured) for electric power and supply: - non-sheathed	MS 2112-3:2009	IEC 60227-3:1997
		PVC-insulated cable (non-armoured) for electric power and supply: - sheathed	MS 2112-4:2009	IEC 60227-4:1997

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