

IEC60335_2_32E – ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict

ATTACHMENT TO TEST REPORT IEC 60335-2-32 EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES Household and similar electrical appliances – Safety – Part 2: Particular requirements for massage appliance	
Differences according to.....:	EN 60335-2-32:2003 + A1:2008 used in conjunction with EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 +A13:2008 + A14: 2010 + A15: 2011 EN 62233:2008
Attachment Form No.....:	EU_GD_IEC60335_2_32E
Attachment Originator	LCIE
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CENELEC COMMON MODIFICATIONS (EN)			—
6.1	Delete “class 0” and “class 01”		—
7.1	Single-phase appliances to be connected to the supply mains: 230 V covered		P
	Multi-phase appliances to be connected to the supply mains: 400 V covered		N/A
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standards for the telecommunication interface circuitry in the appliance are EN 41003 and EN 60950-1:2006, Subclause 6.3		—
25.6	Supply cords of single-phase portable appliances having a rated current not exceeding 16 A, fitted with a plug complying with the following standard sheets of IEC 60083:1975:		—
	- for Class I appliances: standard sheet C2b, C3b or C4		N/A
	- for Class II appliances: standard sheet C5 or C6 : C5		P
25.7	Additional type of supply cord:		—
	- ordinary polychloroprene sheathed flexible cord (60245 IEC 57)		N/A
25.7	Supply cords having high flexibility, not lighter than:		—
	- rubber insulated and sheathed cord (60245 IEC 86)		N/A
	- rubber insulated, crosslinked PVC sheathed cord (60245 IEC 87)		N/A
	- crosslinked PVC insulated and sheathed cord (60245 IEC 88)		N/A
29.3	The third dashed item replaced by: - an assessment of the thermal quality of the material combined with an electric strength test, in accordance with 29.3.3, and, for accessible reinforced insulation consisting of a single layer, measurement in accordance with 29.3.Z1		N/A
29.3.Z1	For accessible reinforced insulation consisting of a single layer, the thickness of the layer complies with table Z1; rated voltage (V); overvoltage category; thickness (mm)		N/A

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Requirements of EN 60335-1:2002/A14:2010

Requirements of EN 60335-1:2002/A14:2010			
4	GENERAL REQUIREMENTS		
	Add: The interpretations included in CLC/TR 50417 shall be taken into consideration together with the relevant requirements in the standards listed therein.		P
19	ABNORMAL OPERATION		
19.14	Add the content of the note to the requirement as follows: Appliances are operated under the conditions of Clause 11. Any contactor or relay contact that operates under the conditions of Clause 11 is short-circuited. If a relay or contactor with more than one contact is used, all contacts are short-circuited at the same time.		N/A
24	COMPONENTS		
24.1	Replace by: Components shall comply with the safety requirements specified in the relevant standards as far as they reasonably apply.		P
	Unless otherwise specified, the requirements of Clause 29 of this standard apply between live parts of components and accessible parts of the appliance.		P
	Unless otherwise specified, the requirements of 30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections inside components.		P
	Components that have not been previously tested or do not comply with the standard for the relevant component are tested according to the requirements of 30.2 of this standard.		P
	Unless components have been previously tested and found to comply with the relevant standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9.		N/A
	Components that have not been separately tested and found to comply with the relevant standard, components that are not marked or not used in accordance with their marking, are tested in accordance with the conditions occurring in the appliance, the number of samples being that required by the relevant standard.		P

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	Lampholders and starterholders that have not been previously tested and found to comply with the relevant standard are tested as a part of the appliance and shall additionally comply with the gauging and interchangeability requirements of the relevant standard under the conditions occurring in the appliance. Where the relevant standard for lampholders and starterholders specifies gauging and interchangeability requirements at elevated temperatures, the temperatures measured during the tests of Clause 11 are used.		N/A
	When no standard does exist for a component, there are no additional tests specified.		P
25	SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CORDS		
25.7	Modification: Add the content of NOTE 1 to the requirement as follows: Their properties shall be at least those of ordinary tough rubber sheathed cords (code designation 60245 IEC 53). These cords are not suitable for appliances intended to be used outdoors or when they are liable to be exposed to significant amounts of ultraviolet radiation.		N/A
	Add the following text after the last dash and before the paragraph regarding "Supply cords for class III appliances":		N/A
	-Halogen-free thermoplastic compound sheathed. Their properties shall be at least those of :		N/A
	halogen-free thermoplastic compound sheathed cords(code designation H03Z1Z1H2-F,H03Z1Z1-F),for appliances having a mass not exceeding 3 kg;		N/A
	halogen-free thermoplastic compound sheathed cords(code designation H05Z1Z1H2-F,H05Z1Z1-F), for other appliances;		N/A
	-Cross-linked halogen-free compound sheathed. Their properties shall be at least those of cross-linked halogen-free compound sheathed cords(code designation H07ZZ-F)		N/A
26	TERMINALS FOR EXTERNAL CONDUCTORS		
26.2	Modification: Change the note into a requirement		P
26.11	Modification: Change the note into a requirement		P
29	CLEARANCES, CREEPAGE DISTANCES AND SOLID INSULATION		

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Clause	Requirement + Test	Result - Remark	Verdict
29.1	Modification: Replace Note 6 by: NOTE 6 Attention is drawn on the fact that for appliances intended for use at altitudes exceeding 2 000 m, the altitude correction factors, relevant to the intended altitude, for clearances specified in Table A.2 of EN 60664-1 may need to be taken into account.		N/A
29.2	Modification: Change NOTE 6 into a requirement.		P
32	RADIATION, TOXICITY AND SIMILAR HAZARDS		
	Add at the end: Compliance regarding electromagnetic fields is checked according to EN 50366 or EN 62233.		P

ANNEX ZE (informative)	SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE	
	Evaluation should be done if applicable	N/A

ANNEX ZF (informative)	CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD	
	Evaluation should be done if applicable	N/A

ANNEX ZZ (informative)	COVERAGE OF ESSENTIAL REQUIREMENTS OF EC DIRECTIVES	
	Evaluation should be done if applicable	N/A

Annex ZA	ANNEX ZA (NORMATIVE) SPECIAL NATIONAL CONDITIONS		
Austria			
25.6	Plugs according to standard sheet C3b not allowed		Not checked
Belgium			
25.6	Plugs according to standard sheet C2b not allowed		Not checked
Denmark			

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7.12	Requirements regarding marking tag of power supply cord and connection of earthing wire for class I appliances delivered without a plug		Not checked
25.6	Supply cords of single-phase portable appliances having a rated current not exceeding 13 A provided with a plug according to the following:		Not checked
	Class I appliances: Section 107-2-D1, ed.3 1998, Standard Sheet DK 2-1a		Not checked
	For appliances covered by a Part 2 of EN 60335, also plugs in accordance with Section 107-2-D1, ed. 3, 1998, Standard Sheet C2b, C3b or C4 are allowed		Not checked
	Class II appliances: Section 107-2-D1, ed.3 1998, Standard Sheet C1b, C5, C6, DKA 2-1a and DKA 2-1b		Not checked
	Stationary single-phase appliances, having a rated current not exceeding 13 A, and provided with a supply cord and a plug, the plug is in accordance with the requirements above		Not checked
	Multi-phase appliances and single-phase appliances having a rated current exceeding 13 A, and provided with a supply cord and a plug, the plug is in accordance with the requirements below:		Not checked
	Class I appliances: Section 107-2-D1, Standard Sheet DK 6-1a / EN 60309-2, Standard Sheet 2-II, 2-IV		Not checked
	Class II appliances: Section 107-2-D1, Standard Sheet DK 6-1a / EN 60309-2, Standard Sheet 2-II, 2-IV, the earthing contact not being connected		Not checked
	The current for the plug not exceeding the values specified; standard sheet (no.); current (A) :		Not checked
Finland			
25.6	Plugs according to standard sheet C3b not allowed		Not checked

France

22.2	The second paragraph of this subclause, dealing with single-phase, permanently connected class I appliances having heating elements, is not applicable due to the supply system		Not checked
25.6	Plugs according to standard sheet C2b not allowed		Not checked

Germany

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25.6	Plugs according to standard sheet C3b not allowed		Not checked
29.3	Third dashed item not applicable for appliances where the insulation is accessible. Additional measures, such as a multi-layered insulation or adequate thickness, taken.		Not checked
Iceland			
25.6	Plugs according to standard sheet C3b not allowed		Not checked
Ireland			
25.6	Plugs according to standard sheet C3b not allowed		Not checked
25.6	Only plugs according to Standard Sheets B2 and C5 allowed		Not checked
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances.		Not checked
25.8	Replacement of figures (rated current/cross-sectional area) in the table		Not checked
Italy			
7.1	The voltage is 220 V/380 V		Not checked
25.6	Plugs according to standard sheet C3b not allowed		Not checked
25.6	Only plugs listed in CENELEC Report R0BT-005:2001 allowed		Not checked
Luxembourg			
25.6	Plugs according to standard sheet C3b not allowed		Not checked
Netherlands			
25.6	Plugs according to standard sheet C3b not allowed		Not checked
Norway			
19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		Not checked
22.2	The second paragraph of this subclause, dealing with single-phase, permanently connected class I appliances having heating elements, is not applicable due to the supply system		Not checked

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25.6	Plugs according to standard sheet C3b not allowed		Not checked
Portugal			
25.6	Plugs according to standard sheet C3b not allowed		Not checked
Spain			
25.6	Plugs according to standard sheet C2b not allowed		Not checked
25.6	Plugs according to standard sheet C3b not allowed		Not checked
25.6	For appliances for household use, only the following plugs are allowed:		Not checked
	according to UNE 20315: ESC 10-1b, C2b, C4, C6 or ESB 25-5b		Not checked
	according to UNE-EN 50075		Not checked
Sweden			
25.6	Plugs according to standard sheet C3b not allowed		Not checked
Switzerland			
4	Information about batteries with carbon-zinc and alkali-manganese		Not checked
25.6	Plugs according to standard sheet C3b not allowed		Not checked
25.6	Supply cords of portable household and similar electrical appliances having a rated current not exceeding 10 A, provided with a plug complying with SEV 1011 or IEC 60884-1 and one of the following dimension sheets:		Not checked
	SEV 6532-2.1991, plug type 15, 3P+N+PE, 250/400 V, 10 A		Not checked
	SEV 6533-2.1991, plug type 11, L+N, 250 V, 10 A		Not checked
	SEV 6534-2.1991 plug type 12, L+N+PE, 250 V, 10 A		Not checked
United Kingdom			
25.6	Plugs according to standard sheet C2b not allowed		P
25.6	Plugs according to standard sheet C3b not allowed		P
25.6	Only plugs according to Standard Sheets B2 and C5 allowed		P

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25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and allow only plugs to BS 1363 to be fitted to domestic appliances. It also allows plugs to BS 4573 and standard sheet C5 to be fitted to shavers and toothbrushes.		N/A
25.8	Replacement of figures (rated current/cross-sectional area) in the table		P

ZB	ANNEX ZB, SPECIAL NATIONAL CONDITIONS (EN)		—
SWITZERLAND			
4	Information about batteries		Not checked
ITALY			
7.1	The voltage is 220/380 V		Not checked
SPAIN			
7.1	the voltages are 127 V/220 V and 220 V/380 V		Not checked
IRELAND / UNITED KINGDOM			
25.6	: regulations concerning plugs to be fitted to domestic appliances		P
GERMANY			
29.3	29.3 not apply to appliances when insulation is accessible		Not checked

ANNEX EMF			
	The Tested product also complies to the requirements of EN 62233:2008		—
	Limit100%	Measured max.: 9,1 %	P

--- End of attachment ---