



Responsible CB:

OD ECS 040-3
ed. April 2023

TEST REPORT	
EN Reference Number	
Title of the EN Standard	
Report Number	:
Date of issue	:
Total number of pages	:
Name of Testing Laboratory preparing the Report	:
Applicant's name	:
Address	:
Test specification:	
Standard	:
Test procedure	: <input type="checkbox"/> ENEC <input type="checkbox"/> CCA NTR <input type="checkbox"/> Other: _____
Non-standard test method	: N/A
Test Report Form No	: EN_european standard-suffix
Test Report Form(s) Originator	: Name of Originator
Issue date of Master TRF	: issue-date Dated ...
TRF template used	: OD ECS 040-3 ed. April 2023
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General disclaimer:	
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Test item description : Trade Mark : Manufacturer : Model/Type reference : Ratings :	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):	
<input type="checkbox"/> ECS Testing Laboratory:	
Testing location/ address :	
Tested by (name, function, signature) :	
Approved by (name, function, signature) .. :	
Testing procedure: E-TMP/CTF Stage 1:	
<input type="checkbox"/> Testing procedure: E-TMP/CTF Stage 1:	
Testing location/ address :	
Tested by (name, function, signature) :	
Approved by (name, function, signature) .. :	
Testing procedure: WMT/E-CTF Stage 2:	
<input type="checkbox"/> Testing procedure: WMT/E-CTF Stage 2:	
Testing location/ address :	
Tested by (name + signature) :	
Witnessed by (name, function, signature) . :	
Approved by (name, function, signature) .. :	
Testing procedure: SMT/E-CTF Stage 3:	
<input type="checkbox"/> Testing procedure: SMT/E-CTF Stage 3:	
Testing location/ address :	
Tested by (name, function, signature) :	
Witnessed by (name, function, signature) . :	
Approved by (name, function, signature) .. :	
Supervised by (name, function, signature) :	

List of Attachments (including a total number of pages in each attachment):	
Summary of testing:	
Tests performed (name of test and test clause):	Testing location:
Summary of compliance with National Differences (List of countries addressed):	
<input type="checkbox"/> The product fulfils the requirements of _____ (insert standard number and edition and delete the text in parenthesis, leave it blank or delete the whole sentence, if not applicable)	

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective CBs that own these marks.

Test item particulars
Classification of installation and use
Supply Connection
.....
Possible test case verdicts:
- test case does not apply to the test object: N/A
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement: F (Fail)
Testing
Date of receipt of test item
Date (s) of performance of tests
General remarks:
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. Throughout this report a <input type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.
Name and address of factory (ies)
General product information and other remarks:

EN 5xxxx			
Clause	Requirement + Test	Result - Remark	Verdict

TABLE: Heating Test			
Test voltage (V)..... :			—
Ambient (°C)..... :			—
Thermocouple Locations	Max. temperature measured, (°C)	Max. temperature limit, (°C)	
Supplementary information:			

TABLE: Heating test, resistance method						
Test voltage (V)..... :						—
Ambient, t ₁ (°C)..... :						—
Ambient, t ₂ (°C)..... :						—
Temperature rise of winding	R ₁ (Ω)	R ₂ (Ω)	ΔT (K)	Max. dT (K)	Insulation class	
Supplementary information:						

TABLE: Dielectric Strength			
Test voltage applied between:	Test potential applied (V)	Breakdown / flashover (Yes/No)	
Supplementary information:			

EN 5xxxx						
Clause	Requirement + Test				Result - Remark	Verdict
TABLE: Electrical Data (in normal conditions)						
fuse #	I rated (A)	U (V)	P (W)	I (mA)	I fuse (mA)	condition/status
Supplementary information:						

TABLE: Power Input Deviation					
Input deviation of/at:	P rated (W)	P measured (W)	ΔP	Required ΔP	Remark
Supplementary information:					

TABLE: insulation resistance measurements		
Insulation resistance R between:	R (M Ω)	Required R (M Ω)
Between mains poles (primary fuse disconnected)		
Between parts separated by basic or supplementary insulation		
Between parts separated by double or reinforced insulation		
Supplementary information:		

TABLE: Impact Resistance			
Impacts per surface	Surface tested	Impact energy (Nm)	Comments
Supplementary information:			

EN 5xxxx						
Clause	Requirement + Test	Result - Remark	Verdict			
TABLE: Clearance And Creepage Distance Measurements						
clearance cl and creepage distance dcr at/of:	Up (V)	U r.m.s. (V)	Required cl (mm)	cl (mm)	required dcr (mm)	dcr (mm)
Supplementary information:						

TABLE: Distance Through Insulation Measurements				
Distance through insulation di at/of:	U r.m.s. (V)	Test voltage (V)	Required di (mm)	di (mm)
Supplementary information:				

TABLE: Ball Pressure Test of Thermoplastics			
Allowed impression diameter (mm)			—
Object/ Part No./ Material	Manufacturer/ trademark	Test temperature (°C)	Impression diameter (mm)
Supplementary information:			

EN 5xxxx			
Clause	Requirement + Test	Result - Remark	Verdict

TABLE: Needle- flame test (NFT)					
Object/ Part No./ Material	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict

Supplementary information:

NFT not relevant (or applicable) for Parts of material classified as V-0 or V-1

NFT not relevant (or applicable) for Base material of PCBs classified as V-0 or if relevant VTM-0

TABLE: Resistance to heat and fire - Glow wire tests								
Object/ Part No./ Material	Manufacturer / trademark	Glow wire test (GWT); (°C)						Verdict
		550	650		750		850	
			te	ti	te	ti		
Object/ Part No./ Material	Manufacturer / trademark	Glow-wire flammability index (GWFI), °C				GW ignition temp. (GWIT), °C		Verdict
		550	650	750	850	675	775	

The test specimen passed the glow wire test (GWT) with no ignition [(te – ti) ≤ 2s] (Yes/No):

If no, then surrounding parts passed the needle-flame test of annex E (Yes/No)

The test specimen passed the test by virtue of most of the flaming material being withdrawn with the glow-wire (Yes/No)?.....

Ignition of the specified layer placed underneath the test specimen (Yes/No)

Supplementary information:

550 °C GWT not relevant (or applicable) to parts of material classified at least HB40 or if relevant HBF
 The GWIT pre-selection option, the 850 °C GWFI pre-selection option, and the 850 °C GWT are not relevant (or applicable) for attended appliances.

EN 5xxxx			
Clause	Requirement + Test	Result - Remark	Verdict
TABLE: Threaded Part Torque Test			
Threaded part identification	Diameter of thread (mm)	Column number (I, II, or III)	Applied torque (Nm)
Supplementary information:			

TABLE: Over-voltage and Under-voltage Test					
Test	Operating condition	Rated voltage (V)	Test voltage (V)	Temperature (°C)	Comments
Supplementary information:					

TABLE: Critical components information					
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
- Description:					
- Description:					
- Description:					
Supplementary information:					
1) Provided evidence ensures the agreed level of compliance. See OD-CB2039.					

EN 5xxxx			
Clause	Requirement + Test	Result - Remark	Verdict

Additional examples of tables for TRF originators to be used as needed.

TABLE:					
Supplementary information:					

TABLE:							
							Comments
Supplementary information:							

TABLE:			
 :		—
 :		—
 :		—
 :		—
Supplementary information:			

List of test equipment used:

A completed list of used test equipment shall be provided in the Test Reports when a Manufacturer Testing Laboratory according to TMP/CTF stage 1 or TMP/CTF stage 2 procedure has been used.

Note: This page may be removed when CTF stage 1 CTF stage 2 are not used.

Clause	Measurement / testing	Testing / measuring equipment / material used, (Equipment ID)	Range used	Last Calibration date	Calibration due date