

**IEC****IECEE**  
CB  
SCHEME

Ref. Certif. No.

HU-002006-M2

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME****CB TEST CERTIFICATE****Product**

Flush type socket-outlet

**Name and address of the applicant**Legrand Magyarország Villamossági Rendszerek Zrt.  
Ipartelepi út 14.  
H-6600 Szentes, Hungary**Name and address of the manufacturer**Legrand Elektrik Sanayi A.S.  
Gebze Organize Sanayi Bolgesi, Ihsan Dede Caddesi 112,  
41480 Kocaeli, Turkey**Name and address of the factory**Legrand Elektrik Sanayi A.S.  
Gebze Organize Sanayi Bolgesi, Ihsan Dede Caddesi 112,  
41480 Kocaeli, Turkey*Note: When more than one factory, please report on page 2***Ratings and principal characteristics**250V~; 16A, IP44 (864135, 398247 (DIY));  
250V~; 16A, IP20 (all other types)  
(refer to Test Report for further details)**Trademark (if any)**

legrand

**Customer's Testing Facility (CTF) Stage used**

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**Model / Type Ref.**

Design: "Raventi" and "Niloé step"

**Additional information (if necessary may also be reported on page 2)**This Certificate is modification No.2 to CB Test Certificate ref. No. HU-002006-M1, dated 2017-10-12 and it is issued due to change of design name and to cover different constructional and administrative changes  
(refer to Test Report for description of changes)**A sample of the product was tested and found to be in conformity with**

IEC 60884-1:2002 + AMD1:2006 + AMD2:2013

**As shown in the Test Report Ref. No. which forms part of this Certificate**

28238712 003

This CB Test Certificate is issued by the National Certification Body

TÜV Rheinland InterCert Kft., Division MEEI  
H-1132 Budapest, Váci út 48/A-B  
www.tuv.com

Date: 2019-03-05

Signature:



Gabor Kassai



Test Report issued under the responsibility of:



## TEST REPORT

IEC 60884-1

### Plugs and socket-outlets for household and similar purposes Part 1: General requirements

Report Number .....: **28238712 003**

Date of issue .....: 2018-02-22

Total number of pages .....: 9

Applicant's name.....: **Legrand Magyarország Villamossági Rendszerek Zrt.**

Address .....: H-6600 Ipartelepi út 14., Szentes, Hungary

#### Test specification:

Standard .....: IEC 60884-1:2002 (Third Edition) + A1:2006 + A2:2013

Test procedure .....: CB Scheme

Non-standard test method.....: N/A

Test Report Form No. ....: IEC60884\_1D

Test Report Form(s) Originator.....: IMQ S.p.A.

Master TRF .....: Dated 2013-08

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**This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.**

Test item description .....: **"Raventi" and "Niloé step" socket-outlets**

Trade Mark .....: 

Manufacturer .....: Legrand Elektrik Sanayi A.S.  
Gebze Organize Sanayi Bolgesi, Ihsan Dede Caddesi 112  
41480 Kocaeli, Turkey

Model/Type reference .....: See "General product information" on pages 5-9

Ratings .....: 250 V~; 16 A, IP44 (864135, 398247 (DIY))  
250 V~; 16 A, IP20 (all other types)

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	<b>TÜV Rheinland InterCert Kft. MEEI Division</b>
Testing location/ address .....		H-1132 Váci út 48/a-b, Budapest, Hungary
<input type="checkbox"/>	<b>Associated CB Testing Laboratory:</b>	
Testing location/ address .....		
Tested by (name + signature) .....		László SZÁSZIK, test engineer <i>LSZ</i>
Approved by (name + signature).....		Zoltán TOKOS ifj., reviewer <i>Zoltan Tokos</i>
<input type="checkbox"/>	<b>Testing procedure: TMP</b>	
Testing location/ address .....		
Tested by (name + signature) .....		
Approved by (name + signature).....		
<input type="checkbox"/>	<b>Testing procedure: WMT</b>	
Testing location/ address .....		
Tested by (name + signature) .....		
Witnessed by (name + signature) .....		
Approved by (name + signature).....		
<input type="checkbox"/>	<b>Testing procedure: SMT</b>	
Testing location/ address .....		
Tested by (name + signature) .....		
Approved by (name + signature).....		
Supervised by (name + signature) .....		

**List of Attachments (including a total number of pages in each attachment):** N/A

**Summary of testing:**

All applicable tests were performed and the test items passed the specifications.

The new name of the earlier design "Turkey market" is "Raventi".  
 Of colours of "Raventi" design socket-outlets, the „gold" colour deleted by the manufacturer.

The combination of some base and cover of socket-outlet is supplied with a new, common reference number for Austrian market.  
 More pieces of „Niloe step" socket-outlets, with multi packaging, called multipack, and is placed on the market with a new order number.

The test results are not influenced by these modification, so they are contained in the test report.

This test report is valid with together the test reports no 28238712 001 and 28238712 002.

**Tests performed (name of test and test clause):**

All applicable test.

**Testing location:**

Same as testing laboratory.

**Summary of compliance with National Differences:** N/A

<b>Test item particulars..... :</b>	
Standard Sheet .....	NSP12: IEC 60083:1975 C1a (CEE 7 Standard sheet I) NSF22: IEC 60083:1975 C3a (CEE 7 Standard sheet V) all other type: IEC 60083:1975 C2a (CEE 7 Standard sheet III)
Rated current (A) / Rated voltage (V) .....	16 / 250~
Degree of protection against access to hazardous parts and against harmful ingress of solid foreign objects .....	<u>IP2X</u> / <u>IP4X</u> / IP5X
Degree of protection against harmful ingress of water .....	<u>IPX0</u> / <u>IPX1</u> / <u>IPX4</u> / IPX5
Provision for earthing .....	NSP12: <u>without earthing contact</u> / all other type: <u>with earthing contact</u>
Method of connecting the cable .....	<u>rewirable</u> / non-rewirable
Type of cable .....	—
Nominal cross-sectional areas (mm <sup>2</sup> ) .....	from 1,5 to 2 x 2,5
Type of terminals .....	<u>screw-type</u> / screwless (rigid) / <u>screwless (rigid and flexible)</u>
Type of connections .....	soldered / welded / crimped / other
Socket-outlets:	
Degree of protection against electric shock .. :	<u>normal protection</u> / increased protection
Existence of shutters .....	<u>without shutters</u> / <u>with shutters</u>
Method of application / mounting of the socket-outlet ..	surface-type / <u>flush-type</u> / semi-flush-type / panel type / architrave-type / portable type / table-type (single/multiple) / floor recessed type / appliance type
Method of installation .....	<u>design A</u> / design B
Intended for circuits where .....	<u>a single earthing circuit provides protective earthing</u> / electrical noise immunity is desired for the earthing circuit
Plugs:	
Class of equipment .....	0 / I / II
<b>Possible test case verdicts:</b>	
- 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)
<b>Testing .....</b>	
Date of receipt of test item.....	-
Date (s) of performance of tests.....	2019-02-22

**General remarks:**

The test results presented in this report relate only to the object tested.  
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.  
"(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  comma /  point is used as the decimal separator.

**Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60335-1:**

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided .....  Yes  Not applicable

**Name and address of factories** ..... **Legrand Elektrik Sanayi A.S.**  
Gebze Organize Sanayi Bolgesi,  
Ihsan Dede Caddesi 112  
41480 Kocaeli, Turkey

**General product information (The changes are written in *bold italics*):**

- 1./ Design: " *Raventi*", and "Niloé step" (single base).  
*Of colours of "Raventi" design socket-outlets, the „gold" colour deleted by the manufacturer.*
- 2./ All covering parts are made of thermoplastic materials; these could be made in more colours (see in tables below).
- 3./ The material of the base of the socket-outlets is made of thermoplastic material.  
The socket-outlet distributed without frame (and cover) can be install properly with sold separately accessories.
- 4./ The "Niloé step" socket outlet, with the degree of protection IP20 can be mounted with the frame with lid no. 864071, which makes the protection degree of the socket outlet to IP44.
- 5./ The no. 864135 and 398247 "Niloé step" socket outlets with the degree of protection IP44 can be mounted with a frame with the degree of protection IP20.



6./ Type variants and reference numbers: See the ref. no. of new variants in bold.			
Type and description	Colour	Reference numbers	
		Design " <i>Raventi</i> "	"Niloé step"
<b>Socket outlets without earthing contact</b>			
2P socket outlet with screwless terminals and with shutters type <b>NSP12</b>	-	-	864019 (mechanism only)
	white	-	864919
<b>Socket outlets with side earthing contacts</b>			
2P+E socket outlet with screw-type terminals and shutters type <b>NSS22</b>	-	-	864021 (mechanism only)
	white	768115	864925
	aluminium	768215	-
	dark grey	768315	-
	ivory	768415	-
	champagne	768515	-
	black	768615	-
	medium grey	768815	-
2P+E socket outlet with screw-type terminals, shutters and lid type <b>NSS22</b>	pearl	768915	-
	white	768118	-
	aluminium	768218	-
	dark grey	768318	-
	ivory	768418	-
	champagne	768518	-
	black	768618	-
	medium grey	768818	-
2P+E socket outlet with screw-type terminals and without shutters type <b>NSS21</b>	pearl	768918	-
	white	768114	-
	aluminium	768214	-
	dark grey	768314	-
	ivory	768414	-
	champagne	768514	-
	black	768614	-
	medium grey	768814	-
pearl	768914	-	

2P+E socket outlet with screwless terminals and shutters type <b>NSS12</b>	-	-	864020 (mechanism only)
	<b>white</b>	-	<b>864162</b> (864020+864120)
	<b>aluminium</b>	-	<b>864362</b> (864020+864320)
	<b>black</b>	-	<b>864562</b> (864020+864520)
	<b>sand</b>	-	<b>864662</b> (864020+864620)
	<b>white</b>	-	<b>864163</b> (864020+864121)
	<b>aluminium</b>	-	<b>864363</b> (864020+864321)
	<b>black</b>	-	<b>864563</b> (864020+864521)
	<b>sand</b>	-	<b>864663</b> (864020+864621)
	white	-	864920
	white	-	398207 (Complete product, DIY)
	<b>white</b>	-	<b>398301</b> (Multipack 5 pcs 398207)
	white	-	398250 (DIY)
	<b>aluminium</b>	-	<b>398303</b> (Multipack 3 pcs 398251+398279)
	aluminium	-	398251 (DIY)
	<b>black</b>	-	<b>398305</b> (Multipack 3 pcs 398252+398275)
black	-	398252 (DIY)	
2P+E socket outlet with screwless terminals and shutters ( <b>IP44</b> )	white	-	864135
	white	-	398247 (DIY)
2P+E socket outlet with screwless terminals, shutters and lid type <b>NSS12</b>	white	-	864921



Socket outlets with pin-type earthing contact			
2P+E socket outlet with screw-type terminals and shutters type NSF22	white	768117	-
	aluminium	768217	-
	dark grey	768317	-
	ivory	768417	-
	champagne	768517	-
	black	768617	-
	medium grey	768817	-
	pearl	768917	-
	red	768119	-

## 7./ Accessories:

## 7.1/ Frames of design "Raventi"

Colour	1 gang frame	2 gang frame	3 gang frame	4 gang frame	5 gang frame	6 gang frame	1 gang frame with labelholder
white	768171	768172	768173	768174	768175	768176	768190
aluminium	768271	768272	768273	768274	768275	768276	768290
brushed aluminium	768281	768282	768283	768284	768285	-	-
dark grey	768371	768372	768373	768374	768375	768376	768390
brushed magnesium	768381	768382	768383	768384	768385	-	-
ivory	768471	768472	768473	768474	768475	768476	768490
champagne	768571	768572	768573	768574	768575	768586	768590
black	768671	768672	768673	768674	768675	768676	768690
<b>brushed smoke</b>	<b>768771</b>	<b>768772</b>	<b>768773</b>	<b>768774</b>	<b>768775</b>	-	-
medium grey	768871	768872	768873	768874	768875	768876	768890
pearl	768971	768972	768973	768974	768975	768976	768990

## 7.2.1/ Frames of design "Niloé step"

Colour	1 gang frame	2 gang frame	3 gang frame	4 gang frame	5 gang frame	1 gang frame IP44	1 gang frame with labelholder
white	864171	864172	864173	864174	864175	864071	864161
aluminium	864371	864372	864373	864374	864375	-	864361
black	864571	864572	864573	864574	864575	-	864561
sand	864671	864672	864673	864674	864675	-	864661
copper	864771	864772	864773	864774	864775	-	-
brushed aluminium	864871	864872	864873	864874	864875	-	-
dark wood	864971	864972	864973	864974	864975	-	-

## 7.2.2/ Covers of design "Niloé step"

Colour	Covers of socket outlets without earthing contacts	Covers of socket outlets with side earthing contacts	Covers with lid of socket outlets with side earthing contacts
white	864119	864120	864121
aluminium	864319	864320	864321
black	864519	864520	864521
sand	864619	864620	864621

## 7.2.3/ Frames of design "Niloé step" (DIY)

Colour	1 gang frame	2 gang frame	3 gang frame	4 gang frame	1 gang frame IP44
white	398271	398272	398273	398274	398270
aluminium	398279	398280	398281	398282	
black	398275	398276	398277	398278	
dark wood	398283	398284	398285	398286	
brushed aluminium	398287	398288	398289	398290	
copper	398291	398292	398293	398294	