

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20140324-E66968  
**Report Reference** E66968-20140321  
**Issue Date** 2014-MARCH-24



**Issued to:** LEGRAND GMBH  
AM SILBERG 14  
59494 SOEST GERMANY

**This is to certify that representative samples of** COMPONENT - SWITCHES, CLOCK OPERATED  
Component - Operating Control, Time Switch, Model  
MicroRex D21 Plus2, D22 Plus2.

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

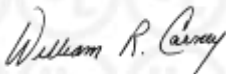
**Standard(s) for Safety:** See addendum page  
**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs  
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

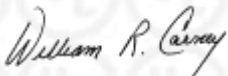
**Standard(s) for Safety:**

UL 60730-1, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements

UL 60730-2-7, Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Timers and Time Switches

CAN/CSA-E60730-1:13, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements

CAN/CSA-E730-2-7-94, Automatic Electrical Controls for Household and Similar Use Part 2: Particular Requirements for Timers and Time Switches



William R. Carney, Director, North American Certification Programs  
UL LLC

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## ZEICHENGENEHMIGUNG MARKS APPROVAL

Legrand GmbH  
Am Silberg 14  
59494 Soest

ist berechtigt, für ihr Produkt /  
*is authorized to use for their product*

**Zeitsteuergerät, Schaltuhr**  
*Timer and time switch*

die hier abgebildeten markenrechtlich geschützten Zeichen  
für die ab Blatt 2 aufgeführten Typen zu benutzen /  
*the legally protected Marks as shown below for the types referred to on page 2 ff.*



Geprüft und zertifiziert nach /  
*Tested and certified according to*

DIN EN 60730-1 (VDE 0631-1):2012-10; EN 60730-1:2011  
DIN EN 60730-2-7 (VDE 0631 Teil 2-7):2011-06; EN 60730-2-7:2010

VDE Prüf- und Zertifizierungsinstitut GmbH  
VDE Testing and Certification Institute  
Zertifizierungsstelle / Certification

Aktenzeichen: 515900-4510-0035 / 176811

File ref.:

Ausweis-Nr. 40037744

Certificate No.

Weitere Bedingungen siehe Rückseite und Folgeblätter /  
*further conditions see overleaf and following pages*

Blatt 1

Page

Offenbach, 2013-06-19  
(letzte Änderung/updated 2013-07-03)

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:  
*VDE certificates are valid only when published on:*

<http://www.vde.com/zertifikat>  
<http://www.vde.com/certificate>

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*  
Legrand GmbH, Am Silberberg 14, 59494 Soest

Aktenzeichen / *File ref.*  
515900-4510-0035 / 176811 / CC1 / BAU

letzte Änderung / *updated* Datum / *Date*  
2013-07-03 2013-06-19

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40037744.  
*This supplement is only valid in conjunction with page 1 of the Certificate No. 40037744.*

## Zeitsteuergerät, Schaltuhr *Timer and time switch*

Typ(en) / *Type(s)*

**MicroRex D21 Plus2**  
**MicroRex D22 Plus2**

Zweck des RS <i>Purpose of control</i>	Zeitsteuergerät, Schaltuhr <i>Time and time switch</i>
Bemessungsspannung <i>Rated voltage</i>	AC 230 V
Bemessungsfrequenz <i>Rated frequency</i>	50/60 Hz
Bemessungsstrom <i>Rated current</i>	16 A / AC 250 V
Merkmale der automatischen Wirkungsweise <i>Features of automatic action</i>	1.B
Anzahl der automatischen Zyklen <i>Number of automatic cycles</i>	5.000
Anzahl der manuellen Schaltzyklen <i>Number of manual cycles</i>	500
Wolframfaden-Glühlampenlast <i>Tungsten filament lamp</i>	5,2 A / 1.300 W 5.000 Schaltstellungswechsel/number of operations
Gangreservedauer <i>Power reserve duration</i>	R3a
Schutzgrad durch Gehäuse <i>Degree of protect. provided by enclosure</i>	IP 20; nach entsprechendem Einbau <i>IP 20; after appropriate mounting</i>
Temperaturgrenzen des Schaltkopfes <i>Temperature limits of the switch head</i>	-20T

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Konstruktion <i>Construction</i>	unabhängiges montiertes RS: Einbau-Montage <i>independently mounted control: flush mounting</i>
Anschluss <i>Type of terminal</i>	Buchsenklemmen <i>pillar terminals</i>
Schalterart <i>Contact configuration</i>	1- oder 2-Kanal, einpoliger Wechsler <i>1- or 2-channel; SPDT</i>
Überspannungskategorie <i>Overvoltage category</i>	III
Verschmutzungsgrad <i>Degree of pollution</i>	2
Kriechstromfestigkeit <i>Tracking resistance</i>	Siehe Anlage 2 <i>See appendix 2</i>
Glühdrahtprüfung (GWT) <i>Glow-wire test (GWT)</i>	Siehe Anlage 2 <i>See appendix 2</i>
Weitere Angaben siehe Anlage <i>Further information see appendix</i>	1 + 2

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Anmerkung	Zum Einbau in Geräte der Schutzklasse I oder II Der Berührungsschutz muss durch die sachgemäße Montage sichergestellt werden
Remark	<i>For incorporation in Class I or II equipment</i> <i>The protection against electric shock must be guaranteed by appropriate mounting</i>

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Dieser Zeichengenehmigungs-Ausweis bildet eine Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den grundlegenden Schutzanforderungen der **EG-Niederspannungsrichtlinie 2006/95/EG** mit ihren Änderungen.  
*This Marks Approval is a basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and proves the conformity with the essential safety requirements of the **EC Low-Voltage Directive 2006/95/EC** including amendments.*

VDE Prüf- und Zertifizierungsinstitut GmbH  
*VDE Testing and Certification Institute*  
Fachgebiet CC1  
*Section CC1*

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Beiblatt /  
Certificate No. Supplement  
40037744

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*  
Legrand GmbH, Am Silberg 14, 59494 Soest

Aktenzeichen / *File ref.*  
515900-4510-0035 / 176811 / CC1 / BAU

letzte Änderung / *updated* Datum / *Date*  
2013-07-03 2013-06-19

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40037744.  
*This supplement is part of the Certificate No. 40037744.*

## Zeitsteuergerät, Schaltuhr *Timer and time switch*

### Fertigungsstätte(n) *Place(s) of manufacture*

Referenz/ <i>Reference</i>	Legrand GmbH
<b>30002285</b>	Am Silberg 14
	D-59494 SOEST

VDE Prüf- und Zertifizierungsinstitut GmbH  
*VDE Testing and Certification Institute*  
Fachgebiet CC1  
*Section CC1*

