

# ENEC CERTIFICATE

## Switches for appliances (EN 61058-1)

**Product:** Switch for appliances  
**Manufacturer:** Arcoelectric Limited  
61 Central Avenue,  
West Molesey, Surrey, KT8 2RF United Kingdom  
**Production site:** See the appendix  
**Certificate holder:** Same as Manufacturer  
**Certified by request of:** Same as Manufacturer  
**Trademark:** ARCOELECTRIC  
**Model/Type ref.:** 6000 Series  
**Rated current or power:** 16(4) A 10 A  
**Rated voltage:** 250 V AC 400 V AC  
**Pattern number:** 1(NO), 2(NO), 6 or 6/2  
**Rated ambient temperature:** T125  
**Switch Category:** D  
**Proof tracking index (PTI):** 250 V  
**Insulation Class:** For Class II appliances  
**Degree of protection:** IP 44

Variants covered by this Certificate are specified in the attached appendix.

Detailed specification of the certified product(s) is listed in the appendix.

A sample of the product has been tested and found in conformity with EN 61058-1:1992 + A1:1993, as shown in the Test Report with ref. No. 99-00574, 99-00574A, 137198-01 and 137198-02.

*The manufacturer complies with the Production Surveillance Requirements.*

*Products included in this Certificate are allowed to carry the marks ENEC 15, UL International Demko AIS - as shown in annex I.  
This Certificate is only valid for products, which are identical to the certified product, and manufactured at the above mentioned production site(s).  
UL International Demko AIS has to be informed in writing about any changes, in accordance with the "UL International Demko AIS Standard Terms and Conditions" for UL International Demko AIS services. This document contains 3 page(s).*

Herlev, 2005-02-04

Karina Christiansen  
Certification Manager



**UL International Demko A/S**

Lyskaer 8, P.O. Box 514  
DK-2730, Herlev, Denmark  
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# APPENDIX TO ENEC CERTIFICATE N° 137198-02

The Certificate covers the following switches:

Rocker switch (biased or continuous) for use in dirty or clean pollution situations;  
full disconnection; 1E4; solder or tab terminals 6.3 × 0.8 mm or 4.8 × 0.8 mm

**Production sites:**

Arcoelectric Limited  
61 Central Avenue, West Molesey  
Surrey, KT8 2RF  
United Kingdom

Arcoelectric Switches Mfg Plant  
Hua Mei Rd, Heng Gang Town, Huang Ge Keng  
Long Gang District, Shenzhen Guangdong,  
P.R. China

Arcoelectric Tunisie  
23 Rue 62128, Zone Industrielle Ibn Khaldoun  
Cite Ettahrir, 2042  
Tunis

This Certificate replaces the Certificate with No. 137198-01, dated 2005-01-04

UL International Demko A/S has issued a new ENEC Certificate as new variants have been added to the list of Switches Series.

Herlev, 2005-02-04

  
Karina Christiansen  
Certification Manager

**UL International Demko A/S**

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DK-2730, Herlev, Denmark  
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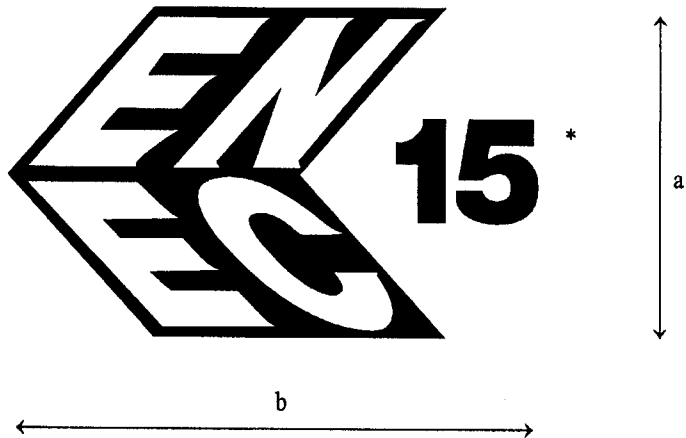


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**Annex 1 to Certificate, licence No.  
DK 137198-02**

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**Annex of the Form of the Mark.**



\* Identification number of the Certification Body

Size of the Mark:

The size of the mark may be reduced on the condition that it remains legible and that the ratio  $b/a = 1,7$  is kept.

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# TEST REPORT

EN 61058-1

## Switches for appliances Part 1: General requirements

Report reference No. .... : 137198-02  
Compiled by (+ signature)..... : Peter Leonhardt *Peter Leonhardt*  
Approved by (+ signature)..... : Erik Hegelund *Erik Hegelund*  
Date of issue ..... : 2005-01-03

Testing Laboratory..... : UL International Demko A/S  
Address..... : Lyskaer 8, DK-2730 Herlev, Denmark  
Testing location ..... : as above

Applicant ..... : Arcoelectric Limited  
Address..... : 61 Central Avenue,  
West Molesey, Surrey, KT8 2RF, United Kingdom

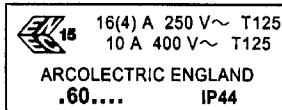
Standard ..... : EN 61058-1:1992 + A1:1993  
Test Report Form No. .... : 61058-1A  
TRF originator ..... : IMQ  
Master TRF ..... : reference No. 060-VDG/VIII1993, dated 93-07  
Copyright blank test report..... : the bodies participating in the CENELEC Certification Agreement (CCA). This report is based on a blank test report that was prepared by KEMA using information obtained from the TRF originator.

Test procedure ..... : CCA-scheme  
Procedure deviation..... : N.A.  
Non-standard test method ..... : N.A.

Type of test object..... : Switch for appliances  
Trademark..... : ARCOELECTRIC  
Model/type reference ..... : 6000 series  
Manufacturer ..... : Arcoelectric Limited, 61 Central Avenue, West Molesey,  
Surrey, KT8 2RF, United Kingdom  
Rating ..... : 16(4) A, 250 V~ and 10 A, 400 V~, T125

This Test Report is composed of : 3 pages 1 annex

Marking plate (reproduction) .....



## 6000 Series Type key

### Body Reference

L - DP 22.0 x 30.0 Flange 32.0 long

### Actuator Reference

A - Z for cosmetic variations

### Type Reference

6000 - Single pole ON/OFF

6001 - *Single pole ON/OFF biased to OFF*

6002 - *Single pole ON/OFF biased to ON*

6003 - Single pole ON/OFF illuminated

6008 - *Single pole ON/OFF illuminated with permanent neutral*

6009 - *Single pole ON/OFF illuminated with permanent neutral biased to OFF*

6010 - Single pole changeover

6011 - *Single pole changeover biased*

6050 - Double pole ON/OFF

6051 - Double pole ON/OFF biased to OFF

6052 - Double pole ON/OFF biased to ON

6053 - Double pole ON/OFF illuminated

6054 - Double pole ON/OFF illuminated biased to OFF

6055 - Single pole ON/OFF illuminated in a double pole body

6056 - Single pole ON/OFF with isolated light in a double pole body

6057 - Double pole ON/OFF with isolated light

6058 - Single pole ON/OFF with isolated light in a double pole body

6059 - Single pole ON/OFF with isolated light biased to OFF in a DP body

6060 - Double pole changeover 2 position

6061 - Double pole changeover 2 position biased

6062 - *DP body with 2 reversed single pole ON/OFF actions*

6066 - Single pole changeover 2 position with isolated light

6067 - Double pole changeover illuminated

6068 - One pole changeover one pole ON/OFF illuminated.

6090 - One pole ON/OFF one pole ON/OFF illuminated.

6091 - Double pole ON/OFF illuminated biased to OFF

6092 - Double pole illuminated, one pole ON/OFF, one pole changeover

6094 - Double pole ON/OFF isolated light, biased to OFF

Double pole bodies may also contain 2 single pole switches  
or a single switch and an indicator

### Terminal Reference

C - 6.3 mm tab

H - 4.8 mm tab

S - Screw terminals

TYK6000/6050

8 December 2004