

ENEC CERTIFICATE

Switches for appliances

Certificate No. 148185-01

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Date of Issue 2009-07-15

Certificate Holder Elektron Components Ltd., TA Arcoelectric+Bulgin
29 Central Avenue, West Molesey, Surrey, KT8 2RF
England

Manufacturer Elektron Components Ltd., TA Arcoelectric+Bulgin
29 Central Avenue, West Molesey, Surrey, KT8 2RF
England

Production site See appendix

Certification Mark See Annex 1

Certified Product Rocker switches
Model 8500 Series, See appendix

Trademark ARCOELECTRIC

Rated Voltage 250 V~

Rated current or wattage 6(4) A and 10(6) A

Pattern number / Type of circuit 1.2 or 1.4 [1.2]

Switch Category /Level of glowwire test 3

Rated ambient temperature 100 °C or 125 °C

Proof tracking index (PTI) 250 V


Insulation Class For Class II appliances

Degree of protection (IP) 40 (incorporated)

Tested acc. to EN 61058-1:2002 + A2:2008

Test Report No. 99-04251 issue date 1999-12-15 with 99-04251/A1 issue date 2000-02-16 with 122551-04 issue date 2005-07-01 with 09CA03230B issue date 2009-06-23

Additional See appendix



Certification Manager

Jan-Erik Storgaard

Certification Body

The product and production sites listed on the certificate comply with the ENEC requirement and the UL Global Service Agreement, with reference to Terms and Conditions for the ENEC mark. The Owner of the certificate is entitled to use the ENEC 15 (as shown in annex 1) for the products listed on the certificate and manufactured at the production site listed. UL has to be informed in writing about any changes to the product or production site in accordance with the Term and Conditions of the ENEC mark.

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730
Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com
www.ul-europe.com

Appendix ENEC CERTIFICATE

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Model/type reference:

8500 Series, Type key

	Body Reference
	Any letter A -Z
	'B' 19.1/19.8 x 13.0 mm
	'O' 12.7 mm dia hole
	Actuator Reference
	Any letter A -Z
	'V' Curved
	'D' Paddle
	'P' Push Button
	'R' Semi rotary actuator
	Type Reference
	8500 - Single Pole ON/OFF 6(4) A, 250 V _{ac} , 5E4, T125 – 10(6) A, 250 V _{ac} , 1E4, T125
	8503 - Single Pole ON/OFF illuminated 6(4) A, 250 V _{ac} , 5E4, T125 – 10(6) A, 250 V _{ac} , 1E4, T100
	8550 - Double Pole ON/OFF 6(4) A, 250 V _{ac} , 5E4, T125 – 10(6) A, 250 V _{ac} , 1E4, T125
	8553 - Double Pole ON/OFF illuminated 6(4) A, 250 V _{ac} , 5E4, T125 – 10(6) A, 250 V _{ac} , 1E4, T100
	Terminal Reference
	Any letter A -Z
	'H' - 4.8 x 0.8 mm tab
	'T' - Solder tag
	'K' - Alternative solder tag
	'R' - Short solder tag

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Additional Information:

Rocker switches; full disc.; 1E4 or 5E4; Pollution degree 2; solder or tab terminals (4.8 x 0.8mm); Rated Impulse Voltage U_{imp} : 2500 V

Production Site:

1. Elektron Components (Shenzhen) Ltd.,
A2, 1-3 floors, No.23, Xin Buxin Street, Tongle Community, Longgang sub-district of Longgang district, Shenzhen, China.
2. Elektron Tunisie,
23 Rue 62128, Zone Industrielle Ibn Khaldoun, Cite Ettahrir, 2042 Tunis, Tunisia.

This certificate replaces the certificate No. 122551-04, dated 2005-07-08.

UL International Demko A/S has issued a new certificate due to upgrade standard, change of applicant, manufacturer and production sites, and alternate insulating material Dupont Zytel 101F in any colours.

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Annex 1 to Certificate, licence No. DK 148185-01

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

Certification Body

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Underwriters
Laboratories

UL File No. E45221 Card D005 and E

Ref. No.

WOYR2 October 10, 1997
 Component - Switches, Special Use

ARCOLECTRIC SWITCHES P L C

CAT. NO.	AMPS	VOLTS	FREQ	HP	Ref. No.
85 f/b 00, 03, 50, 53 aa	14	250	60	1/2	7
	—	125	60	1/4	15
	15	250(H)	60	—	26
	10	277	60	—	36
T9000	1	250	60	—	68
12 f/b 00,	16	250	60	—	89
50 f/b	—	125	60	1/2	112
an aa	16	250R	60	—	119
8800	15	250	60	—	193
w/wo prefixes and suffixes	—	125	60	1/2	216
					217
					234

Reports: December 19, 1986; August 2, 1991; February 26, 1993; July 5, 1995.

Replaces E45221D005 dated April 24, 1997.

203009001 X7987 Underwriters Laboratories Inc.®

(Cont. on E card)

D11/0164570
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WOYR2 February 13, 1995
 Component - Switches, Special Use

ARCOLECTRIC SWITCHES P L C

E45221 (M)

(E-cont. from D1 card)

Marking: Company name, and either electrical rating or catalog number (or both) marked on switch. When electrical rating or catalog number (one or the other) is not marked on switch, it is indicated on the shipping container.

UL Recognized Component Mark  is on the switch or smallest shipping container. When the Mark is not on the switch, the company name and catalog number appear with Mark on the container.

See General Information Preceding These Recognitions.

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Replaces E45221E dated February 18, 1993.

203009001 Underwriters Laboratories Inc.®

D11/0229192

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