

CERTIFICATE

KEMA No.: 2078879.01

Issued to:
Applicant:
Arcoelectric Ltd
61 Central Avenue, West Molesey
SURREY, Great Britain

Manufacturer/Licensee:
Arcoelectric Ltd
61 Central Avenue, West Molesey
SURREY, Great Britain

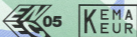
Products : push-button switches
Trade name : ARCOELECTRIC
Types/models : 8200 and 8300 Series

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61058-1:1992 + A1:1993
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 993111

KEMA hereby grants the right to use the ENEC KEMA-KEUR certification mark.



The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: November 29, 2004



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Products	: push-button switches
trade name	: ARCOLECTRIC
types	: 8200, 8300
type reference	: common type (C.T.)
type of switch	: incorporated
ratings	: - 16(4) A/250 V~, T85, 1E4 - 12(2) A/250 V~, T105, 1E4 - 8(8) A/250 V~, T105, 5E4 - 6(6) A/250 V~, T125, 5E4 - 200 μ A/5Vdc
pattern nos.	: 1, 2
circuit to be controlled	: resistive and motor
temperature limit	: T85, T105 or T125
contact opening	: full disconnection
frequency of operation	: 10.000 or 50.000 operating cycles
design	: unenclosed
class	: for class II appliances
degree of protection	: IP00
degree of pollution	: normal
category to heat and fire	: D
insulating material	: tracking resistant (250 V)
terminals	: tab terminals (4,8 x 0,8 mm, 6,3 x 0,8 mm), PCB terminals and solder terminals, not intended for the connection of external supply cables or flexible cords
series resistor of pilot lamp	: 220 K Ω
description	: body and actuating member of thermoplastic material
markings	: trade name, type reference, electrical ratings and temperature limit on the body

Additional information**8300 Series Type Key**

. 8300 . .

4) 3) 2) 1)

- 1) Body reference, any letter A - Z
'B' 19.1/19.8 X 13.0

- 2) Actuator reference, any letter A - Z
'A' Rectangular
'B' Circular
'C' Square raised
'D' Circular
'E' Oval button
'F' Extended button

- 3) Type reference
8300 - Single pole ON/OFF Alternate action
8301 - Single pole ON/OFF Momentary action
8303 - Single pole ON/OFF Illuminated Alternate action
8304 - Single pole ON/OFF Illuminated Momentary action
8350 - Double pole ON/OFF Alternate action
8351 - Double pole ON/OFF Momentary action
8353 - Double pole ON/OFF Illuminated Alternate action
8354 - Double pole ON/OFF Illuminated Momentary action
8355 - Single pole ON/OFF Alternate action and additional contact for 1mA/250V neon indicator connected only when the switch is in the ON position.
8356 - Single pole ON/OFF Alternate action and additional contact for 1mA/250 V neon indicator connected to the terminals at all times
8357 - Single pole ON/OFF Momentary action and additional contact for 1mA/250 V neon indicator connected to the terminals at all times

- 4) Terminals reference, any letter A - Z
'A' Right angled 4,8 x 0,8 mm tab
'C' 6,3 x 0,8 mm tab
'H' 4,8 x 0,8 mm tab
'K' Alternative solder tag
'M' Right angled printed circuit board double pin
'T' Solder tag
'V' Printed circuit duoble pin
'X' Printed circuit board pin

8200 Series Type Key

. 8300 . .

4) 3) 2) 1)

- 1) Body reference, any letter A - Z
- 2) Actuator reference, any letter A - Z
- 3) Type reference
 - 8200 - Single pole ON/OFF Alternate action
 - 8201 - Single pole ON/OFF Momentary action
 - 8250 - Double pole ON/OFF Alternate action
 - 8251 - Double pole ON/OFF Momentary action
- 4) Terminal reference, any letter A - Z
 - 'A' Right angled 4,8 x 0,8 mm tab
 - 'C' 6,3 x 0,8 mm tab
 - 'H' 4,8 x 0,8 mm tab
 - 'M' Right angled printed circuit board double pin
 - 'K' Alternative solder tag
 - 'T' Solder tag
 - 'V' Printed circuit board double pin
 - 'X' Printed circuit board pin

TESTS**Test requirements**

EN 61058-1:1992 + A1:1993.

Test result

The test results are laid down in KEMA test file 2078879.01.

Remarks

- This ENEC Certificate replaces the ENEC Certificate 2023958.01 dated 2002-10-31.
- This ENEC Certificate is valid till 2009-03-01.

Conclusion

The examination proved that all test requirements were met.

Tested by : F.P. Swenne Checked by : J.C. Hendriksen **Factory-Location**Arcoelectric Tunisie,
23 Rue 62128 Zone Industrielle, CITE ETTAHRIR TUNIS, Tunisia