

CERTIFICATE

Issued to:
Applicant:
Elektron Technology (UK) Ltd.
Broers Building
JJ Thomson Avenue
Cambridge Cb3 0fa, Great Britain

Licensee:
Elektron Technology (UK) Ltd.
Broers Building
JJ Thomson Avenue
Cambridge Cb3 0fa, Great Britain

Product : Pilot lights / Signal lamps
Trade name(s) : ARCOLECTRIC, BULGIN or ELEKTRON
Type(s)/model(s) : B..., C..., L..., T ..., W..., K... and H...

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

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

- a type test according to the standard EN 60598-1:2015, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598-1:2015/A1:2018 and EN 60598-2-1:1989
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2163787

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

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

This certificate is issued on 11 June 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-103791

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Rosa Zhou
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Pilot lights / Signal lamps
Trade name(s)	: ARCOLECTRIC, BULGIN or ELEKTRON
Type(s)/model(s)	: .0061.., .0062.., .0062..S, .0063.., .0063..S, .0067.., .0081.., .0145.., .0177.., .0180.., .0195.., .0233.., .0234.., .0245.., .0273.., .0274.., .0275.., .0276.., .0277.., .0278.., .0430.., .0480.., .0566.., .0568.., .0579.., .0581.., .0586.., .0589.., .1041.., .1045.., .1047.., .1048.., .1050.., .1090.., .1090..S, .1091.., .1091..S, .1092.., .1092..S, .2820.., .2821.., .2870.., .2950.., .2951.., .7030.., .8580.. and .8630..
Ambient temperature	: ta = 105 °C
Degree of protection	: IP20 / IP67
Description	: design for building in
Supply connection	: can be provided with different types of terminals and leads

Product data – type .0062..S

Rated voltage	: 24 Vdc
Type of lamp	: Bulb
Class	: III

Product data – type .0063..S

Rated voltage	: 24 Vdc
Type of lamp	: Bulb
Class	: III

Product data – type .1090..S

Rated voltage	: 24 Vdc
Type of lamp	: filament bulb E10
Class	: III

Product data – type .1091..S

Rated voltage	: 12 Vdc
Type of lamp	: filament bulb BA9s
Class	: III

Product data – type .1092..S

Rated voltage	: 2-24 Vdc / 110-380 Vac
Type of lamp	: LED (by mains or low voltage) or NEON bulb
Class	: II

TESTS**Test requirements**

EN 60598-1:2015
EN 60598-1:2015/AC:2015
EN 60598-1:2015/AC:2016
EN 60598-1:2015/A1:2018
EN 60598-2-1:1989

Test result

The test results are laid down in DEKRA test file 222302600.

Additional information

type X YYYY ZZ

X = B....., C....., L....., T....., W....., K....., H.....

YYYY = basic type indication

ZZ = SF 2-24 Vdc, low voltage Filament bulb, class III
SL 2-24 Vdc, low voltage LED, class III
SM 110-230 Vac, mains LED, class II
SN 110-380 Vac, NEON bulb, class II
S details will be mentioned separately
OS 110/230 Vac, mains white LED

If the pilot light or signal lamp is built-in a metal encased class II appliance, class II conditions must always be guaranteed.

This certificate replaces certificate No. 2187156.01 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Elektron Tunisie
13 Rue 62128 Zone Industrielle
Ibn Khaldoun
2042 Cite Ettahrir, Tunisia