

CERTIFICATE

Issued to:
Applicant:
Socomec S.A.S
1, Rue de Westhouse BP 1
67230 Benfeld Cedex, France

Licensee:
Socomec S.A.S
1, Rue de Westhouse BP 1
67230 Benfeld Cedex, France

Product : Switch-disconnector
Trade name(s) : SOCOMEC
Type(s)/model(s) : INOSYS LBS series

The product and any acceptable variation thereto as 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 EN IEC 60947-3:2021 and EN IEC 60947-3:2021/AC:2021-11
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 901003

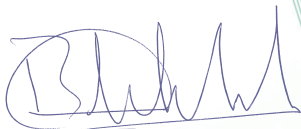
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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

This certificate is issued on 17 May 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-113456 REV.1

DEKRA Certification B.V.



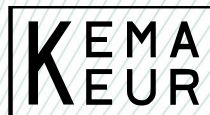
B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|--|---|
| Product | : Switch-disconnector |
| Trade name(s) | : SOCOMEC |
| Type(s)/model(s) | : INOSYS LBS 400A, INOSYS LBS 630A and INOSYS LBS 800A |
| Number of poles | : 2-pole, 3-pole, 4-pole |
| Kind of current | : d.c. |
| Number of positions of the main contacts | : 2 positions |
| Rated insulation voltage (Ui) | : 1500 V |
| Rated impulse withstand voltage (Uimp) | : 12 kV |
| Rated duty | : Uninterrupted duty |
| Rated short-time withstand current (Icw) | : 10 kA - 50 ms |
| Rated short-circuit making capacity (Icm) | : 10 kA |
| Method of operation of manually operated equipment | : independent manual operation |
| Suitability for isolation | : Suitable |

Product data – type INOSYS LBS 400A

| | |
|---|---|
| Rated operational voltage (Ue) / Utilization category | : 1000 V for 2-pole and 4-pole / DC-21B 1500 V for 3-pole / DC-21B 1500 V for 2-pole and 4-pole / DC-PV2 and DC-21B |
| Conventional free air thermal current (Ith) | : 400 A |
| Rated operational currents (Ie) | : 400 A |
| Rated uninterrupted current (Iu) | : 400 A |

Product data – type INOSYS LBS 630A

| | |
|---|---|
| Rated operational voltage (Ue) / Utilization category | : 1000 V for 2-pole and 4-pole / DC-21B 1500 V for 3-pole / DC-21B 1500 V for 2-pole and 4-pole / DC-PV2 and DC-21B |
| Conventional free air thermal current (Ith) | : 630 A |
| Rated operational currents (Ie) | : 630 A |
| Rated uninterrupted current (Iu) | : 630 A |

Product data – type INOSYS LBS 800A

| | |
|---|---|
| Rated operational voltage (Ue) | : 1000 V for 2-pole and 4-pole 1500 V for 3-pole |
| Conventional free air thermal current (Ith) | : 800 A |
| Rated operational currents (Ie) | : 800 A |
| Rated uninterrupted current (Iu) | : 800 A |
| Utilization category | : DC-21B |

TESTS**Test requirements**

EN IEC 60947-3:2021

EN IEC 60947-3:2021/AC:2021-11

Test result

The test results are laid down in DEKRA test file 227486200.

Additional information

This certificate replaces certificate No. 71-113456 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory locations

Socomec S.A.S

1, Rue de Westhouse BP 1

67230 Benfeld Cedex, France

Societe Timelec SARL

Zi Chebedda, Route de Fouchana Naassen

1135 Naassen Gouvernorat De Ben Arous, Tunisia

Socomec Electric Shanghai co.,ltd

Building A30, No.5399 Waiqingsong Road, Qingpu Industrial Zone

201700 Shanghai, China

Additional information:

This KEMA KEUR certificate is based on below mentioned documents:

- CQC CB Test Certificate CN47089 issued on 2019-07-01
CB Test Report 00901-CB2019CQC-085820 issued on 2019-05-27
- CQC CB Test Certificate CN55586 issued on 2021-12-21
CB Test Report 00901-CB2021CQC-099628 issued on 2021-12-06

Connection diagram for d.c. circuit in the CB Test Report:

