

# 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) : SIRCO 800A, SIRCO CD 1000A and SIRCO CD 1250A

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

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

- a type test according to EN IEC 60947-3:2021
- 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 11 December 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-150025

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



Miranda Zhou  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: switch-disconnector
Trade name(s)	: SOCOMEC
Type(s)/model(s)	: SIRCO 800A, SIRCO CD 1000A and SIRCO CD 1250A
Method of operation	: independent manual operation
Suitability for isolation	: suitable
Number of poles	: 3-pole, 4-pole
Kind of current	: AC
Rated frequency	: 50 / 60 Hz
Number of positions of the main contacts	: 2 (ON and OFF)
Rated operational voltage (Ue)	: 415 Vac
Rated insulation voltage (Ui)	: 1000 V
Rated impulse withstand voltage (Uimp)	: 12 kV
Utilization category	: AC-23A

**Product data – type SIRCO 800A**

Rated operational current (Ie)	: 800 A
Conventional free air thermal current (Ith)	: 800 A
Rated uninterrupted current (Iu)	: 800 A
Rated short-time withstand current (Icw)	: 26 kA - 1 s
Rated short-time making capacity (Icm)	: 48 kA
Rated conditional short-circuit current (Icc)	: 50 kA Protected with fuse-links limiting the cut-off current to a maximum of 48,0 kA and the Joule integral to a maximum of 4,92 MA <sup>2</sup> s. Fuse-links during test: manufacturer Shanghai Electric Ceramic Works Co., type NT4a-800A gG, 690 V, 800 A, breaking capacity 120 kA

**Product data – type SIRCO CD 1000A**

Rated operational current (Ie)	: 1000 A
Conventional free air thermal current (Ith)	: 1000 A
Rated uninterrupted current (Iu)	: 1000 A
Rated short-time withstand current (Icw)	: 26 kA - 1 s
Rated short-time making capacity (Icm)	: 48 kA
Rated conditional short-circuit current (Icc)	: 100 kA Protected with fuse-links limiting the cut-off current to a maximum of 78,3 kA and the Joule integral to a maximum of 11,7 MA <sup>2</sup> s. Fuse-links during test: manufacturer Shanghai Electric Ceramic Works Co., type NT4a-1250A gG, 690 V, 800 A, breaking capacity 100 kA

**Product data – type SIRCO CD 1250A**

Rated operational current (Ie)	: 1000 A, 1250 A
Conventional free air thermal current (Ith)	: 1000 A, 1250 A
Rated uninterrupted current (Iu)	: 1000 A, 1250 A
Rated short-time withstand current (Icw)	: 35 kA - 1 s
Rated short-time making capacity (Icm)	: 73,5 kA
Rated conditional short-circuit current (Icc)	: 100 kA
	Protected with fuse-links limiting the cut-off current to a maximum of 86,4 kA and the Joule integral to a maximum of 12,8 MA <sup>2</sup> s.
	Fuse-links during test: manufacturer Shanghai Electric Ceramic Works Co., type NT4a-1250A gG, 690 V, 800 A, breaking capacity 100 kA

**TESTS****Test requirements**

EN IEC 60947-3:2021

**Test result**

The test results are documented in DEKRA test file 229114400.

**Additional information**

This certificate replaces certificates No. 2014428.02 and 2014428.03 which we hereby declare invalid.

This certificate replaces certificate No. 2151607.01 which we hereby declare invalid.

**Conclusion**

The examination has confirmed that all requirements were met.

**Factory locations**

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

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Zi Chebedda, Route de Fouchana Naassen  
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