

# CERTIFICATE

KEMA no.: 96.4092.01

Issued to:

Applicant:

**Socomec S.A.**

**1-4, Route de Westhouse**

**BENFELD, France**

Manufacturer/Licensee:

**Socomec S.A.**

**1-4, Route de Westhouse**

**BENFELD, France**

Product : switch-disconnectors

Trade name : SOCOMEC

Types/models : SIRCO VM1 100A, SIRCO VM1 125A,  
SIRCO VM1 63A, SIRCO VM1 80A

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 60947-3
- an inspection of the production location according to CCA Group Operational Document CCA 204
- a certification agreement with the number 901003.

KEMA hereby grants the right to use the KEMA 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: June 17, 1997

C.M. Boschloo  
Certification Manager

*b/v F.W. Votman*

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**N.V. KEMA**

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ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



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

product	:	switch-disconnectors
trade name	:	SOCOMEK
types	:	SIRCO VM1 100A, SIRCO VM1 125A, SIRCO VM1 63A, SIRCO VM1 80A
number of poles	:	3 and 4-poles
rated insulation voltage (Ui)	:	800 V~
rated short-time withstand current (Icw)	:	2,5 kA
rated short-circuit making capacity (Icm)	:	3,55 kA peak
rated conditional short-circuit current	:	50 kA when protected with fuse-links limiting the cut-off current to maximum 11,9 kA and the Joule integral to a maximum of 84,6 kA <sup>2</sup> s Fuse-links during test: manufacturer Socomec T.1, 125 A gl-gG, 500 V, 100 kA
rated impulse withstand voltage	:	8 kV
operational performance without current	:	category A 7000 operating cycles
with current	:	1000 operating cycles
mechanical durability	:	10 000 operating cycles
connection	:	cable lugs

**Product data – type SIRCO VM1 63A**

conventional free air	:	63 A
thermal current Ith		
ratings/utilization category (Ue-Ie)	:	<u>AC-22A</u> 415 V 63 A

**Product data – type SIRCO VM1 80A**

conventional free air	:	80 A
thermal current Ith		
ratings/utilization cat (Ue-Ie)	:	<u>AC-22A</u> 415 V 80 A

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**Product data – type SIRCO VM1 100A**

conventional free air : 100 A  
thermal current I<sub>th</sub>  
ratings/utilization category : AC-22A  
(U<sub>e</sub>-I<sub>e</sub>) 415 V 100 A

**Product data – type SIRCO VM1 125A**

conventional free air : 125 A  
thermal current I<sub>th</sub>  
ratings/utilization category : AC-22A  
(U<sub>e</sub>-I<sub>e</sub>) 415 V 125 A

**TESTS****Test requirements**

K121-3 EN 60947-3, IEC 947-3

**Test results**

The test results are laid down in KEMA test file 96.4092.01.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : H.L. Schendstok

*Th.J. Parm*

Checked by : L.J.W. van Megen

*L.J.W. van Megen*

**FACTORY-LOCATION**

Socomec S.A.

1-4, Route de Westhouse, Benfeld, France

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