

# CERTIFICATE

Issued to:  
Applicant:  
**Schotman Elektro B.V.**  
**Weverstraat 4**  
**9403 VJ Assen, The Netherlands**

Product : Residual current circuit breakers with integral overcurrent protection (RCBO)  
Trade name(s) : SEP  
Type(s)/model(s) : RCE1

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 61009-1:2012, EN 61009-1:2012/A1:2014, EN 61009-1:2012/A2:2014, EN 61009-1:2012/A11:2015 and EN 61009-1:2012/A12:2016
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2198024

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 31 August 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-101247

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Henk Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

Product	: Residual current circuit breakers with integral overcurrent protection (RCBO)
Trade name(s)	: SEP
Type(s)/model(s)	: RCE1
Number of poles	: 1P+N
Number of protected poles	: 1
Rated current (In)	: 6, 10, 13, 16, 20, 25, 32, 40 A
Rated residual current (I <sub>dn</sub> )	: 10, 30, 100, 300 mA
Classification of RCBOs functionally dependent on the line voltage	: Yes
Rated voltage (U <sub>n</sub> )	: 240 Vac
Rated frequency (Hz)	: 50 / 60 Hz
Behaviour to d.c. components	: type A and AC
Time delay	: without time delay
Range of instantaneous tripping overcurrent	: B and C - type
Rated short-circuit capacity (I <sub>cn</sub> )	: 6000 A
Rated service short-circuit capacity (I <sub>cs</sub> )	: 6000 A
Rated residual making and breaking capacity (I <sub>dm</sub> )	: 3000 A
Rated making and breaking capacity (I <sub>m</sub> )	: 3000 A
Energy limiting class	: 3
The grid distance "a"	: 50 mm
Temperature limit	: -25 °C ... + 40 °C
Reference ambient temperature	: 30 °C

**TESTS****Test requirements**

EN 61009-1:2012  
EN 61009-1:2012/A1:2014  
EN 61009-1:2012/A2:2014  
EN 61009-1:2012/A11:2015  
EN 61009-1:2012/A12:2016

**Test result**

The test results are laid down in DEKRA test file 331234200.

**Additional Information**

This certificate is based on the KEMA-KEUR certificate no.33-101028 issued on 2017-08-16.  
This certificate replaces the KEMA-KEUR certificate no.3311073.01 issued on 2016-12-08.

The product also complies with IEC 61009-1:2010, A1:2012, A2:2013 and IEC 61009-2-2:1991.

**Conclusion**

The examination proved that all requirements were met.

**Distributor location**

Schotman Elektro B.V.  
Weverstraat 4,  
9403 VJ Assen, The Netherlands