

CERTIFICATE

Issued to:
Applicant:
Gewiss S.p.A.
Via A. Volta 1
24069 Cenate Sotto (BG), Italy

Manufacturer/Licensee:
Gewiss S.p.A.
Via A. Volta 1
24069 Cenate Sotto (BG), Italy

Product(s) : residual current operated circuit breaker (RCCB)
Trade name(s) : GEWISS
Type(s)/model(s) : Series SD

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 61008-1:2004;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2091228

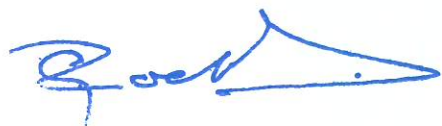
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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.

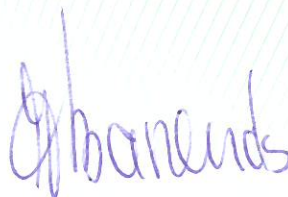
This certificate is issued on: 17 June 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2178618.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
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	:	residual current operated circuit breaker (RCCB)
trade name(s)	:	GEWISS
type(s)	:	Series SD
rated current (In)	:	25 A or 40 A
rated residual current (I Δ n)	:	10 mA, 30 mA, 100 mA, 300 mA or 500 mA
rated operational voltage (Ue)	:	230 Vac (GW94885) 400 Vac (all other models)
number of poles	:	3P+N
behaviour to d.c. components	:	AC, A
rated conditional short-circuit current (Inc)	:	6000 A
rated conditional residual short-circuit current (I Δ c)	:	6000 A
rated making and breaking capacity (Im)	:	630 A
rated residual making and breaking capacity (I Δ m)	:	630 A
temperature limit	:	-25 °C to + 40 °C
terminals	:	screw type, pillar
method of mounting	:	flush type for mounting on top hat rail
degree of protection against moisture	:	ordinary
markings	:	tradename and electrical ratings are shown on the body
design	:	without integral overcurrent protection functionally independent of the line voltage

Additional information

Detailed product data per type

type GW..	In (A)	RCCB type	I Δ n (mA)	I _{nc} /I Δ c
94662	25	AC	30	6000
94664	25	AC	300	6000
94667	40	AC	30	6000
94668	40	AC	100	6000
94669	40	AC	300	6000
94670	40	AC	500	6000
94866	25	A	10	6000
94867	25	A	30	6000
94869	25	A	300	6000
94897	40	A	30	6000
94898	40	A	100	6000
94899	40	A	300	6000
94900	40	A	500	6000
94885*	40	A	30	6000
notes				
1)	2)	3)	4)	5)

* GW94885 has a U_e of 230 V.

notes

- 1) type designation GW...
- 2) rated current 25 A or 40 A
- 3) type of rccb
AC for ac residual currents
A also for residual currents with dc components
- 4) rated residual current 10 mA, 30 mA, 100 mA, 300 mA or 500 mA
- 5) rated conditional (residual) short-circuit current

TESTS**Test requirements**

EN 61008-1:2004 + A11:2007 + A12:2009 + A13:2012

Test results

The test results are laid down in DEKRA test file 2178618.02 and are also based on CB IT-11814/M2 and TRF No. PB15L0391780-02-00 to PB15L0391780-02-02 which should be read in conjunction with CB IT-11814/M1 and IT-11814.

Remarks

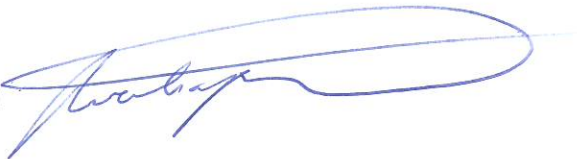
This certificate replaces certificate 2154912.02 issued on 22 June 2012.

Conclusion

The examination proved that all test requirements were met.

Tested by : IMQ

Checked by : R. Verhagen

A handwritten signature in blue ink, appearing to read 'R. Verhagen', written over a horizontal line.**Factory locations**

Gewiss Portugal Ind. Mat. Electr., Unip. Lda.
Apartado 129, 4560-709, Penafiel
Portugal