

CERTIFICATE

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

Product : Residual current operated circuit-breakers with integral overcurrent protection (RCBOs)
Trade name(s) : GEWISS
Type(s)/model(s) : MDC100

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/A11:2015, EN 61009-1:2012/A12:2016, EN 61009-1:2012/A1:2014, EN 61009-1:2012/A2:2014, EN 61009-2-1:1994 and EN 61009-2-1:1994/A11:1998
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2091228
- the licensee is registered with the number 293733

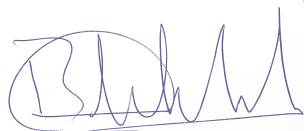
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 March 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-112773

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Residual current operated circuit-breakers with integral overcurrent protection (RCBOs)
Trade name(s)	: GEWISS
Type(s)/model(s)	: MDC100
Rated current (In)	: 6 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A
Rated residual current (I Δ n)	: 30 mA, 300 mA
Rated voltage (Un)	: 230 Vac
Rated frequency	: 50 Hz
Rated impulse withstand voltage (Uimp)	: 4 kV
Number of poles	: 2P
Operating characteristics in case of residual currents with d.c. components	: type A
Time delay	: without time delay
Range of instantaneous tripping current	: B
Rated short-circuit capacity (Icn)	: 10 kA
Rated service short-circuit capacity (Ics)	: 7,5 kA
Rated residual making and breaking capacity (I Δ m)	: 4,5 kA
Energy limiting class	: 3
Safety distance "a" (grid)	: 35 mm
Ambient temperature	: -25 °C ... 40 °C
Method of mounting	: flush type, for mounting on rail
Degree of protection	: IP20

TESTS**Test requirements**

EN 61009-1:2012
EN 61009-1:2012/A11:2015
EN 61009-1:2012/A12:2016
EN 61009-1:2012/A1:2014
EN 61009-1:2012/A2:2014
EN 61009-2-1:1994
EN 61009-2-1:1994/A11:1998

Test result

The test results are laid down in DEKRA test file 224413200.

Additional information

This certificate replaces certificates 2180482.03 issued on 30 July 2015.

Conclusion

The examination proved that all requirements were met.

Factory location

Gewiss Portugal Ind. Mat. Electr. Unip. Lda.
Apartado 129,
Zona Industrail . 2a Fase
4560-709 Penafiel, Portugal

Code	Curve	Type	Poles	Rated current	I Δ n	Rated voltage
GW95325	B	A	2P	6 A	30 mA	230 V
GW95326	B	A	2P	10 A	30 mA	230 V
GW95327	B	A	2P	16 A	30 mA	230 V
GW95328	B	A	2P	20 A	30 mA	230 V
GW95329	B	A	2P	25 A	30 mA	230 V
GW95330	B	A	2P	32 A	30 mA	230 V
GW95331	B	A	2P	13 A	30 mA	230 V
GW95335	B	A	2P	6 A	300 mA	230 V
GW95336	B	A	2P	10 A	300 mA	230 V
GW95337	B	A	2P	16 A	300 mA	230 V
GW95338	B	A	2P	20 A	300 mA	230 V
GW95339	B	A	2P	25 A	300 mA	230 V
GW95340	B	A	2P	32 A	300 mA	230 V