CERTIFICATE

Issued to:
Applicant:
GEWISS S.p.A.
1 Via Domenico Bosatelli
24069 Cenate Sotto, Italy

Licensee:
GEWISS S.p.A.
1 Via Domenico Bosatelli
24069 Cenate Sotto, Italy

Product	:	Residual current operated circuit-breakers with integral overcurrent protection (RCBOs)
Trade name(s)	:	GEWISS
Type(s)/model(s)	:	MDC60

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 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, EN 61009-2-1:1994, EN 61009-2-1:1994/A11:1998 and EN 61009-1:2012/A13:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA 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 and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 8 December 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-168255

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Miranda Zhou
Certification Manager

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

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)	:	MDC60
Rated operational voltage (Ue)	:	230 Vac (1P+N, 2P) 400 Vac (3P, 4P)
Rated impulse withstand voltage (Uimp)	:	4 kV
Rated current (In)	:	6 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A
Rated residual current (IΔn)	:	30 mA 300 mA
Rated frequency	:	50 Hz
Rated short-circuit capacity (Icn)	:	6 kA
Rated service short-circuit capacity (Ics)	:	6 kA
Rated residual making and breaking capacity (IΔm)	:	6 kA
Number of poles	:	1P+N, 2P, 3P, 4P
Behaviour in presence of d.c. components	:	type A type AC
Time delay	:	type for general use type S
Method of operating	:	independent of the line voltage
Range of instantaneous tripping current	:	B-type C-type
Safety distance "a" (grid)	:	35 mm
Range of ambient air temperature	:	-25 °C to 40 °C
Energy limiting class	:	3
Reference calibration temperature	:	30 °C
Type of terminal	:	pillar terminal
Type of installation	:	fixed installation
Protection against external influence	:	unenclosed
Method of mounting	:	distribution board
Method of connection	:	not associated with mechanical mounting

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
EN 61009-2-1:1994
EN 61009-2-1:1994/A11:1998
EN 61009-1:2012/A13:2021

Test result

The test results are documented in DEKRA test file 230382200.

Additional information
This certificate replaces certificate No. 71-112772 which we hereby declare invalid.

Conclusion
The examination has confirmed that all requirements were met.

Factory location
Gewiss Portugal Ind. Mat. Electr. Unip. Lda.
Apartado 129, Zona Industrail . 2a Fase Bustelo
4660-043 Penafiel, Portugal

Code	Poles	Rated current (A)	IΔn (mA)	Type	Curve	Rated voltage (V)
GW94105	1P+N	6	30	AC	C	230 V
GW94106	1P+N	10	30	AC	C	230 V
GW94107	1P+N	16	30	AC	C	230 V
GW94108	1P+N	20	30	AC	C	230 V
GW94109	1P+N	25	30	AC	C	230 V
GW94110	1P+N	32	30	AC	C	230 V
GW94111	1P+N	13	30	AC	C	230 V
GW94115	1P+N	6	300	AC	C	230 V
GW94116	1P+N	10	300	AC	C	230 V
GW94117	1P+N	16	300	AC	C	230 V
GW94118	1P+N	20	300	AC	C	230 V
GW94119	1P+N	25	300	AC	C	230 V
GW94120	1P+N	32	300	AC	C	230 V
GW94125	2P	6	30	AC	C	230 V
GW94126	2P	10	30	AC	C	230 V
GW94127	2P	16	30	AC	C	230 V
GW94128	2P	20	30	AC	C	230 V
GW94129	2P	25	30	AC	C	230 V
GW94130	2P	32	30	AC	C	230 V
GW94131	2P	13	30	AC	C	230 V
GW94135	2P	6	300	AC	C	230 V
GW94136	2P	10	300	AC	C	230 V
GW94137	2P	16	300	AC	C	230 V
GW94138	2P	20	300	AC	C	230 V
GW94139	2P	25	300	AC	C	230 V
GW94140	2P	32	300	AC	C	230 V
GW94145	3P	6	30	AC	C	400 V
GW94146	3P	10	30	AC	C	400 V
GW94147	3P	16	30	AC	C	400 V
GW94148	3P	20	30	AC	C	400 V
GW94149	3P	25	30	AC	C	400 V
GW94150	3P	32	30	AC	C	400 V
GW94151	3P	13	30	AC	C	400 V
GW94155	3P	6	300	AC	C	400 V
GW94156	3P	10	300	AC	C	400 V
GW94157	3P	16	300	AC	C	400 V
GW94158	3P	20	300	AC	C	400 V
GW94159	3P	25	300	AC	C	400 V
GW94160	3P	32	300	AC	C	400 V

Code	Poles	Rated current (A)	IΔn (mA)	Type	Curve	Rated voltage (V)
GW94165	4P	6	30	AC	C	400 V
GW94166	4P	10	30	AC	C	400 V
GW94167	4P	16	30	AC	C	400 V
GW94168	4P	20	30	AC	C	400 V
GW94169	4P	25	30	AC	C	400 V
GW94170	4P	32	30	AC	C	400 V
GW94171	4P	13	30	AC	C	400 V
GW94175	4P	6	300	AC	C	400 V
GW94176	4P	10	300	AC	C	400 V
GW94177	4P	16	300	AC	C	400 V
GW94178	4P	20	300	AC	C	400 V
GW94179	4P	25	300	AC	C	400 V
GW94180	4P	32	300	AC	C	400 V
GW94185	1P+N	6	30	AC	C	230 V
GW94186	1P+N	10	30	AC	C	230 V
GW94187	1P+N	16	30	AC	C	230 V
GW94188	1P+N	20	30	AC	C	230 V
GW94189	1P+N	25	30	AC	C	230 V
GW94190	1P+N	32	30	AC	C	230 V
GW94191	1P+N	13	30	AC	C	230 V
GW94305	1P+N	6	30	A	C	230 V
GW94306	1P+N	10	30	A	C	230 V
GW94307	1P+N	16	30	A	C	230 V
GW94308	1P+N	20	30	A	C	230 V
GW94309	1P+N	25	30	A	C	230 V
GW94310	1P+N	32	30	A	C	230 V
GW94311	1P+N	13	30	A	C	230 V
GW94315	1P+N	6	300	A	C	230 V
GW94316	1P+N	10	300	A	C	230 V
GW94317	1P+N	16	300	A	C	230 V
GW94318	1P+N	20	300	A	C	230 V
GW94319	1P+N	25	300	A	C	230 V
GW94320	1P+N	32	300	A	C	230 V
GW94325	2P	6	30	A	C	230 V
GW94326	2P	10	30	A	C	230 V
GW94327	2P	16	30	A	C	230 V
GW94328	2P	20	30	A	C	230 V
GW94329	2P	25	30	A	C	230 V
GW94330	2P	32	30	A	C	230 V
GW94331	2P	13	30	A	C	230 V

Code	Poles	Rated current (A)	IΔn (mA)	Type	Curve	Rated voltage (V)
GW94335	2P	6	300	A	C	230 V
GW94336	2P	10	300	A	C	230 V
GW94337	2P	16	300	A	C	230 V
GW94338	2P	20	300	A	C	230 V
GW94339	2P	25	300	A	C	230 V
GW94340	2P	32	300	A	C	230 V
GW94345	3P	6	30	A	C	400 V
GW94346	3P	10	30	A	C	400 V
GW94347	3P	16	30	A	C	400 V
GW94348	3P	20	30	A	C	400 V
GW94349	3P	25	30	A	C	400 V
GW94350	3P	32	30	A	C	400 V
GW94351	3P	13	30	A	C	400 V
GW94355	3P	6	300	A	C	400 V
GW94356	3P	10	300	A	C	400 V
GW94357	3P	16	300	A	C	400 V
GW94358	3P	20	300	A	C	400 V
GW94359	3P	25	300	A	C	400 V
GW94360	3P	32	300	A	C	400 V
GW94365	4P	6	30	A	C	400 V
GW94366	4P	10	30	A	C	400 V
GW94367	4P	16	30	A	C	400 V
GW94368	4P	20	30	A	C	400 V
GW94369	4P	25	30	A	C	400 V
GW94370	4P	32	30	A	C	400 V
GW94371	4P	13	30	A	C	400 V
GW94375	4P	6	300	A	C	400 V
GW94376	4P	10	300	A	C	400 V
GW94377	4P	16	300	A	C	400 V
GW94378	4P	20	300	A	C	400 V
GW94379	4P	25	300	A	C	400 V
GW94380	4P	32	300	A	C	400 V
GW94385	1P+N	6	300	A	C	230 V
GW94386	1P+N	10	300	A	C	230 V
GW94387	1P+N	16	300	A	C	230 V
GW94388	1P+N	20	300	A	C	230 V
GW94389	1P+N	25	300	A	C	230 V
GW94390	1P+N	32	300	A	C	230 V
GW94391	1P+N	13	300	A	C	230 V
GW95105	1P+N	6	30	A	B	230 V

Code	Poles	Rated current (A)	IΔn (mA)	Type	Curve	Rated voltage (V)
GW95106	1P+N	10	30	A	B	230 V
GW95107	1P+N	16	30	A	B	230 V
GW95108	1P+N	20	30	A	B	230 V
GW95109	1P+N	25	30	A	B	230 V
GW95110	1P+N	32	30	A	B	230 V
GW95111	1P+N	13	30	A	B	230 V
GW95115	1P+N	6	300	A	B	230 V
GW95116	1P+N	10	300	A	B	230 V
GW95117	1P+N	16	300	A	B	230 V
GW95118	1P+N	20	300	A	B	230 V
GW95119	1P+N	25	300	A	B	230 V
GW95120	1P+N	32	300	A	B	230 V
GW95125	2P	6	30	A	B	230 V
GW95126	2P	10	30	A	B	230 V
GW95127	2P	16	30	A	B	230 V
GW95128	2P	20	30	A	B	230 V
GW95129	2P	25	30	A	B	230 V
GW95130	2P	32	30	A	B	230 V
GW95131	2P	13	30	A	B	230 V
GW95135	2P	6	300	A	B	230 V
GW95136	2P	10	300	A	B	230 V
GW95137	2P	16	300	A	B	230 V
GW95138	2P	20	300	A	B	230 V
GW95139	2P	25	300	A	B	230 V
GW95140	2P	32	300	A	B	230 V
GW95145	3P	6	30	A	B	400 V
GW95146	3P	10	30	A	B	400 V
GW95147	3P	16	30	A	B	400 V
GW95148	3P	20	30	A	B	400 V
GW95149	3P	25	30	A	B	400 V
GW95150	3P	32	30	A	B	400 V
GW95151	3P	13	30	A	B	400 V
GW95155	3P	6	300	A	B	400 V
GW95156	3P	10	300	A	B	400 V
GW95157	3P	16	300	A	B	400 V
GW95158	3P	20	300	A	B	400 V
GW95159	3P	25	300	A	B	400 V
GW95160	3P	32	300	A	B	400 V
GW95165	4P	6	30	A	B	400 V
GW95166	4P	10	30	A	B	400 V

Code	Poles	Rated current (A)	IΔn (mA)	Type	Curve	Rated voltage (V)
GW95167	4P	16	30	A	B	400 V
GW95168	4P	20	30	A	B	400 V
GW95169	4P	25	30	A	B	400 V
GW95170	4P	32	30	A	B	400 V
GW95171	4P	13	30	A	B	400 V
GW95175	4P	6	300	A	B	400 V
GW95176	4P	10	300	A	B	400 V
GW95177	4P	16	300	A	B	400 V
GW95178	4P	20	300	A	B	400 V
GW95179	4P	25	300	A	B	400 V
GW95180	4P	32	300	A	B	400 V
GW95185	1P+N	6	300	A	B	230 V
GW95186	1P+N	10	300	A	B	230 V
GW95187	1P+N	16	300	A	B	230 V
GW95188	1P+N	20	300	A	B	230 V
GW95189	1P+N	25	300	A	B	230 V
GW95190	1P+N	32	300	A	B	230 V
GW95191	1P+N	13	300	A	B	230 V
GW95805	2P	6	30	A (IR)*	C	230 V
GW95806	2P	10	30	A (IR)*	C	230 V
GW95807	2P	16	30	A (IR)*	C	230 V
GW95808	2P	20	30	A (IR)*	C	230 V
GW95809	2P	25	30	A (IR)*	C	230 V
GW95810	2P	32	30	A (IR)*	C	230 V
GW95811	2P	13	30	A (IR)*	C	230 V
GW95815	4P	6	30	A (IR)*	C	400 V
GW95816	4P	10	30	A (IR)*	C	400 V
GW95817	4P	16	30	A (IR)*	C	400 V
GW95818	4P	20	30	A (IR)*	C	400 V
GW95819	4P	25	30	A (IR)*	C	400 V
GW95820	4P	32	30	A (IR)*	C	400 V
GW95821	4P	13	30	A (IR)*	C	400 V
GW95849	2P	25	300	A (S)	C	230 V
GW95850	2P	32	300	A (S)	C	230 V
GW95859	4P	25	300	A (S)	C	400 V
GW95860	4P	32	300	A (S)	C	400 V

* “A (IR)” RCBOs are A-type RCBOs having an intentional short-time delay which does not fall into the definition of type S of EN 61009-1.