

# CERTIFICATE

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

Licensee:  
**Gewiss - S.P.A.**  
Via A. Volta 1  
24069 Cenate Sotto (BG), Italy

Product : circuit-breaker for overcurrent protection  
Trade name(s) : GEWISS  
Type(s)/model(s) : GW 90301

The product and any acceptable variation thereto as 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 EN 60898-1:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2091228

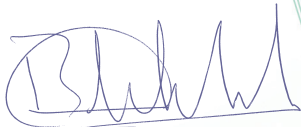
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 13 April 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-128018

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

Product	: circuit-breaker for overcurrent protection
Trade name(s)	: GEWISS
Type(s)/model(s)	: GW 90301
Rated operational voltage (U <sub>e</sub> )	: 230 Vac
Rated insulation voltage (U <sub>i</sub> )	: 230 V
Rated impulse withstand voltage (U <sub>imp</sub> )	: 4 kV
Rated current (I <sub>n</sub> )	: 16 A
Rated frequency	: 50/60 Hz
Rated short-circuit capacity (I <sub>cn</sub> )	: 6000 A
Rated service short-circuit capacity (I <sub>cs</sub> )	: 6000 A
Rated making and breaking capacity of an individual pole (I <sub>cn1</sub> )	: 4500 A
Number of poles	: 4 poles (1P + N + 1P + N)
Protected poles	: phase pole is protected
Protection against external influences	: unenclosed-type
Method of mounting	: panel board
Methods of connection	: electrical connections are not associated with the mechanical mounting
Type of terminals	: pillar
Instantaneous tripping current	: B-type
Energy limiting class	: class 3
Safety distance (grid distance "a")	: 35 mm
Reference ambient air temperature	: 30 °C
Degree of protection	: IP20

**TESTS****Test requirements**

EN 60898-1:2019

**Test result**

The test results are laid down in DEKRA test file 227416400.

**Additional information**

This certificate replaces certificate No. 2119840.01 which we hereby declare invalid.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

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