

CERTIFICATE

Issued to:
Applicant:
ABB Stotz-Kontakt GmbH
Eppelheimer Str. 82
69123 Heidelberg, Germany

Licensee:
ABB Stotz-Kontakt GmbH
Eppelheimer Str. 82
69123 Heidelberg, Germany

Product : Circuit Breaker
Trade name(s) : AEG
Type(s)/model(s) : EN6xxx series

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 60947-2:2017 and EN 60947-2:2017/A1:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 900400

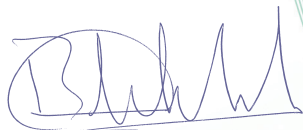
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 27 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-132508

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Circuit Breaker
Trade name(s)	: AEG
Type(s)/model(s)	: EN6xxx
Number of poles	: 1-Pole, 1-Pole+N, 2-Pole, 3-Pole, 3-Pole+N or 4-Pole
Number of protected pole	: 1, 2, 3 or 4 N pole is not protected
Type of release	: Thermo-magnetic type
Rated operational voltage (Ue)	: 133 Vac or 230 Vac (1-Pole, 1-Pole+N circuit-breakers) 230 Vac or 400 Vac or 440 V (2-Pole, 3-Pole, 3-Pole+N, 4-Pole circuit-breakers)
Rated insulation voltage (Ui)	: 440 V
Rated impulse withstand voltage (Uimp)	: 4 kV
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 0,5 A, 1 A, 1,6 A, 2 A, 3 A, 4 A, 6 A, 8 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A (tripping characteristic C and D) 6 A, 8 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A (tripping characteristic B)
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
Rated service short-circuit breaking capacity (Ics)	: see table in additional information
Rated ultimate short-circuit breaking capacity (Icu)	: see table in additional information
Suitability for isolation	: Suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: right / left 71 mm (1-Pole circuit-breakers) right / left 63 mm (1-Pole+N, 2-Pole circuit-breakers) right / left 54 mm (3-Pole circuit-breakers) right / left 46 mm (3-Pole+N, 4-pole circuit-breakers) above / below 56 mm (all circuit-breakers) front 5 mm (all circuit-breakers) back 0 mm (all circuit-breakers)
Method of installation	: Fixed
EMC environment	: A
Rated tightening torque for terminals	: 2 Nm
Line/load terminal	: Not marked
Current setting of the inverse time delay release	: Fixed
Current setting of the instantaneous release	: 4 x In for tripping characteristic B 6,5 x In for tripping characteristic C 12 x In for tripping characteristic D
Reference temperature	: 55 °C
Time setting of the inverse time delay release	: Fixed
Time setting of the instantaneous release	: Fixed

TESTS**Test requirements**

EN 60947-2:2017

EN 60947-2:2017/A1:2020

Test result

The test results are laid down in DEKRA test file 228019800.

Additional information

Type designation of EN6xxx:

For example EN63NAB63

The first x denotes the number of poles, it can be

1 for 1-Pole

1NA for 1-Pole+N

2 for 2-Pole

3 for 3-Pole

3NA for 3-Pole+N

4 for 4-pole

The second x denotes the tripping characteristic, it can be B, C or D.

The third x denotes the rated current, it can be 0,5, 1, 1,6, 2, 3, 4, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50 or 63.

Conclusion

The examination proved that all requirements were met.

Factory location

ABB Stotz-Kontakt GmbH

Eppelheimer Str. 82

69123 Heidelberg, Germany

Additional information

Number of poles	Ue	Ics	Icu	In
1-Pole 1-Pole+N	133 V	15 kA	20kA	tripping characteristic B: 6 A – 63 A tripping characteristic C and D: 0,5 A – 63 A
	230 V	7,5 kA	10kA	
2-Pole 3-Pole 3-Pole+N 4-Pole	230 V	15 kA	20kA	
	400 V	7,5 kA	10kA	
	440 V	7,5 kA	10kA	