

CERTIFICATE

Issued to:
Applicant:
Hyundai Electric & Energy System Co., Ltd.
700, Bangeojinsunhwando-ro
Dong-gu
44032 Ulsan, Republic Of Korea

Manufacturer/Licensee:
304647

Product : Circuit-breakers for overcurrent protection
Trade name(s) : HYUNDAI
Type(s)/model(s) : HGD 63N

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 60898-1:2003, EN 60898-1:2003/A1:2004, EN 60898-1:2003/A11:2005, EN 60898-1:2003/A12:2008 and EN 60898-1:2003/A13:2012
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2077107

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 20 October 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-101597

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Barends
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Circuit-breakers for overcurrent protection
Trade name(s)	: HYUNDAI
Type(s)/model(s)	: HGD 63N
Rated current (In)	: 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A and 63 A
Range of instantaneous tripping overcurrent	: type B and C
Rated voltage (Un) / number of poles	: 240/415 Vac: 1-pole 240 Vac: 1-pole + N 415 Vac: 2-poles, 3-poles, 3-poles + N, 4-poles (N-pole can be on the left or on the right side)
Rated short-circuit capacity (Icn)	: 6 kA
Rated service short-circuit capacity (Ics)	: 6 kA
Energy limiting class	: 3
Safety distance ("a", grid)	: 65 mm
Method of mounting	: flush-type, for mounting on top hat rail 35 mm
Degree of protection	: IP20
Insulating material	: thermoplastic

TESTS**Test requirements**

EN 60898-1:2003
EN 60898-1:2003/A1:2004
EN 60898-1:2003/A11:2005
EN 60898-1:2003/A12:2008
EN 60898-1:2003/A13:2012

Test result

The test results are laid down in DEKRA test file 221947300.

Additional Information

This certification is based on KEMA-KEUR certificate No. 71-100254 dated 1 May 2017.

Conclusion

The examination proved that all requirements were met.

Factory location

304647