CERTIFICATE

Issued to:
Applicant:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing,
325603 Zhejiang, China

Licensee:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing,
325603 Zhejiang, China

Product	:	Moulded-Case Circuit-Breaker
Trade name(s)	:	CHINT
Type(s)/model(s)	:	NM1-800H, NM1-800R and NM1-800S

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(s) EN 60947-2:2017, EN 60947-2:2017/A1:2020, IEC 60947-2:2016 and IEC 60947-2:2016/A1:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2032236

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 31 May 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-118007

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Moulded-Case Circuit-Breaker
Trade name(s)	:	CHINT
Type(s)/model(s)	:	NM1-800H, NM1-800R and NM1-800S
Number of poles	:	3P and 4P (N pole without overcurrent protection)
Protected pole	:	3
Rated operational voltage (Ue)	:	220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac / 660 Vac / 690 Vac
Rated insulation voltage (Ui)	:	800 V
Rated impulse withstand voltage (Uimp)	:	8 kV
Rated frequency	:	50 / 60 Hz
Rated current (In)	:	630 A, 700 A, 800 A
Conventional thermal current (Ith)	:	Equal to In
Current rating for four-pole circuit-breakers	:	Equal to In
Rated service short-circuit breaking capacity (Ics)	:	Ics = 50% Icu
Suitable for isolation	:	Suitable
Selectivity category	:	A
Safety distance (screen-circuit breaker)	:	Front / Back: 0 mm, Left / Right: 100 mm, Up / Down: 100 mm
Reference temperature	:	40 °C
Method of mounting	:	Fixed
EMC environment	:	A and B
Rated tightening torque for terminals	:	30 Nm
Line/load terminal	:	Marked
Connection	:	Copper conductor with cable lug
Inverse time delay release	:	Thermal type, fixed
Time setting of the inverse time delay release	:	Fixed, trip time at 2 In: 120 s ≤ t ≤ 1350 s
Instantaneous release	:	Magnetic type, fixed, 2 poles in series: Ii = 10 In single pole: 12 In

Product data – type NM1-800H

Rated ultimate short-circuit breaking capacity (Icu)	:	85 kA at 220 / 230 / 240 Vac, 60 kA at 380 / 400 / 415 Vac 20 kA at 660 / 690 Vac

Product data – type NM1-800R

Rated ultimate short-circuit breaking capacity (Icu)	:	100 kA at 220 / 230 / 240 Vac, 70 kA at 380 / 400 / 415 Vac 20 kA at 660 / 690 Vac

Product data – type NM1-800S

Rated ultimate short-circuit breaking capacity (Icu)	:	65 kA at 220 / 230 / 240 Vac, 50 kA at 380 / 400 / 415 Vac 12 kA at 660 / 690 Vac

TESTS

Test requirements
EN 60947-2:2017
EN 60947-2:2017/A1:2020
IEC 60947-2:2016
IEC 60947-2:2016/A1:2019

Test result
The test results are laid down in DEKRA test file 332013000.

Additional information
Nomenclature breakdown:
NM1- 800 S / 4 300
a b c d
a = Model name: NM1
b = Frame size: 800
c = short-circuit capacity: ‘R’, ‘H’ or ‘S’
d = pole numbers, ‘4’ means 4P MCCBs, ‘3’ means 3P MCCBs
The referred test reports are 3320130.50, 3315449.50 and 3307676.50.

This certificate replaces certificate No. 33-109427 which we hereby declare invalid.

Conclusion
The examination proved that all requirements were met.

Factory location
Zhejiang Chint Electrics Co., Ltd.
No. 1318, Binhai No. 2 Avenue, Economic and Technical Development Zone,
325025 Wenzhou Zhejiang, China