



CB TEST CERTIFICATE

Ref. Certificate No.

NL-36568

IEC SYSTEM OF CONFORMITY ASSESSMENT SCHEMES FOR ELECTROTECHNICAL EQUIPMENT AND COMPONENTS (IECEE) CB SCHEME

Issued by:	DEKRA Certification B.V.		
Product:	Moulded-Case Circuit Breaker		
Applicant:	Zhejiang Chint Electrics Co., Ltd	No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang	China
Manufacturer:	Zhejiang Chint Electrics Co., Ltd	No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang	China
Factory:	Zhejiang Chint Electrics Co., Ltd	No.1318, Binhai No.2 Avenue, Economic and Technical Development Zone, Wenzhou City, Zhejiang Province	China
Rating and principal characteristics:	Ue: 220 / 230 / 240 / 380 / 400 / 415 / 660 / 690 Vac In: 225 A, 250 A, 300 A, 315 A, 350 A, 400 A, 50 / 60 Hz Ui: 800 Vac, Uimp: 8 kV, 3P and 4P (unprotected N pole) Icu: 100 kA at 240 Vac, 70 kA at 415 Vac, 15 kA at 690 Vac for R series 85 kA at 240 Vac, 50 kA at 415 Vac, 12 kA at 690 Vac for H series 50 kA at 240 Vac, 35 kA at 415 Vac, 10 kA at 690 Vac for S series Ics = 50% Icu See annex for further ratings		
Trade mark (if any):	CHINT		
Model/Type reference:	NM1-400R, NM1-400H, NM1-400S		
Additional information:	This certificate is based on and replaces the certificate no. NL-18991 issued on 2010-09-20.		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4);am1;am2		
Test Report Ref. No:	3307674.50		

This CB Test Certificate is issued by the National Certification Body:

DEKRA Certification B.V.
Meander 1051, 6825 MJ
Arnhem
The Netherlands

Signed by: F.S.Strikwerda

Date of issue: 2015-07-20



Ratings:

number of poles	: 3P and 4P (unprotected N pole)
protected pole	: 3
rated operational voltage (U _e)	: 220 / 230 / 240 / 380 / 400 / 415 / 660 / 690 Vac
rated insulation voltage (U _i)	: 800 Vac
rated impulse withstand voltage (U _{imp})	: 8 kV
rated current (I _n)	: 225 A, 250 A, 300 A, 315 A, 350 A, 400 A
rated operational current (I _e)	: Equal to I _n
conventional thermal current (I _{th})	: Equal to I _n
current rating for four-pole circuit-breakers	: Equal to I _n
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C
rated ultimate short-circuit breaking capacity (I _{cu})	: 100 kA at 220 / 230 / 240 Vac, 70 kA at 380 / 400 / 415 Vac, 15 kA at 660 / 690 Vac for R series 85 kA at 220 / 230 / 240 Vac, 50 kA at 380 / 400 / 415 Vac, 12 kA at 660 / 690 Vac for H series 50 kA at 220 / 230 / 240 Vac, 35 kA at 380 / 400 / 415 Vac, 10 kA at 660 / 690 Vac for S series
rated service short-circuit breaking capacity (I _{cs})	: I _{cs} = 50% I _{cu}
suitable for isolation	: Suitable
utilization category	: A
safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 100 mm, Up / Down: 100 mm
instantaneous release	: Magnetic type, fixed, 2 poles in series: I _i = 10 I _n single pole: 12 I _n
time setting of the instantaneous release	: Fixed
inverse time delay release	: Thermal type, fixed,
time setting of the inverse time delay release	: Fixed Trip time at 2 I _n : 120 s ≤ t ≤ 540 s
EMC environment	: A and B
Individual pole short-circuit breaking capacity (I _{su})	: N/A
Individual pole short-circuit breaking capacity (I _{IT})	: N/A
line/load terminal connection	: Marked Copper conductor with cable lug

Additional information:

Nomenclature breakdown:

NM1-400x/y300

a b c d

a = Model name: NM1

b = Frame size: 400

c = short-circuit capacity, 'R', 'H' or 'S'

d = pole numbers, '4' means 4P MCCBs, '3' means 3P MCCBs