



CB TEST CERTIFICATE

Ref. Certificate No.

NL-19579

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

Issued by:	KEMA Quality B.V.		
Product:	Moulded-Case Circuit-Breaker		
Applicant:	Zhejiang CHINT Electrical Co., Ltd.	No.1, Chint Road,Chint Industrial Zone, North Baixiang, Yueqing Zhejiang	China
Manufacturer:	Zhejiang CHINT Electrical Co., Ltd.	No.1, Chint Road,Chint Industrial Zone, North Baixiang, Yueqing Zhejiang	China
Factory:	Zhejiang CHINT Electrical Co., Ltd.	No.1, Chint Road,Chint Industrial Zone, North Baixiang, Yueqing Zhejiang	China
Rating and principal characteristics:	Ue: 220 / 230 / 240 / 380 / 400 / 415 Vac Ui: 800 V Uimp: 8 kV Ie: 16 A – 800 A Number of poles: 3P, 3P + N Ref. temperature: 40 °C, Cat. A		
Trade mark (if any):	CHINT		
Model/Type reference:	NM7 series		
Additional information:	-		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4);am1		
Test Report Ref. No:	3301080.50 - 3301080.53		

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

KEMA Quality B.V.
Utrechtseweg 310
P.O. Box 5185
6802 ED Arnhem
The Netherlands

KEMA Quality
a DEKRA company

Signed by: H.L. Schendstok

Date of issue: 2010-12-09

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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	Moulded Case Circuit-Breaker
trade name(s)	:	CHINT
type	:	NM7-125S/4300, NM7-125S/3300, NM7-250S/4300, NM7-250C/4300, NM7-250S/3300, NM7-250C/3300, NM7-400R/4300, NM7-400H/4300, NM7-400S/4300, NM7-400C/4300, NM7-400R/3300, NM7-400H/3300, NM7-400S/3300, NM7-400C/3300, NM7-800R/4300, NM7-800H/4300, NM7-800S/4300, NM7-800C/4300, NM7-800R/3300, NM7-800H/3300, NM7-800S/3300, NM7-800C/3300
number of poles	:	3P for the MCCBs with reference / 3300 3P+N (N pole have overcurrent protection) for the MCCBs with reference / 4300
rated operational voltage (Ue)	:	220 / 230 / 240 / 380 / 400 / 415 Vac
rated insulation voltage (Ui)	:	800 V
rated impulse withstand voltage (Uimp)	:	8 kV
circuit-breaker for use on phase- earthed systems	:	N/A
circuit-breaker for use in IT systems	:	N/A
type of release (thermo- magnetic/electronic)	:	Thermo-magnetic
rated frequency	:	50 / 60 Hz
reference temperature	:	40 °C
suitable for isolation	:	Yes
utilization category	:	A
electrical control circuits	:	N/A
shunt release	:	N/A
undervoltage release	:	N/A
degree of protection	:	N/A
electromagnetic compatibility (EMC) environment A or B	:	A and B
method of mounting	:	Fixed

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Product data - type NM7-125S

rated operational current (Ie)	: 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A, 80 A, 100 A, 125 A
conventional thermal current (Ith)	: Equal to Ie
instantaneous release	: 10 In
inverse time delay release	: 1,05 In, non-tripping within 1 hours when In ≤ 63A, 1,05 In, non-tripping within 2 hours when In > 63A, 1,3 In, tripping within 1 hours when In ≤ 63A, 1,3 In, tripping within 2 hours when In > 63A
rated ultimate short-circuit breaking capacity (Icu)	: 35 kA
rated service short-circuit breaking capacity (Ics)	: 18 kA
safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 100 mm
connecting capacity	: 1 mm ² - 50 mm ²

Product data - type NM7-250C

rated operational current (Ie)	: 100 A, 125 A, 160 A, 180 A, 200 A, 225 A, 250 A
conventional thermal current (Ith)	: Equal to Ie
instantaneous release	: 10 In
inverse time delay release	: 1,05 In, non-tripping within 2 hours, 1,3 In, tripping within 2 hours
rated ultimate short-circuit breaking capacity (Icu)	: 25 kA
rated service short-circuit breaking capacity (Ics)	: 13 kA
safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 20 mm, Up / Down: 100 mm
connecting capacity	: 16 mm ² - 120 mm ²

Product data - type NM7-250S

rated ultimate short-circuit breaking capacity (Icu)	: 35 kA
rated service short-circuit breaking capacity (Ics)	: 18 kA
other ratings see type NM7-250C	

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Product data - type NM7-400S

rated operational current (I _e)	: 225 A, 250 A, 315 A, 350 A, 400 A
conventional thermal current (I _{th})	: Equal to I _e
instantaneous release	: 10 I _n
inverse time delay release	: 1,05 I _n , non-tripping within 2 hours, 1,3 I _n , tripping within 2 hours
rated ultimate short-circuit breaking capacity (I _{cu})	: 50 kA
rated service short-circuit breaking capacity (I _{cs})	: 25 kA
safety distance (screen-circuit breaker)	: Front / Back: 0 mm Left / Right: 50 mm Up / Down: 100 mm
connecting capacity	: 50 mm ² - 240 mm ²

Product data - type NM7-400C

rated ultimate short-circuit breaking capacity (I _{cu})	: 35 kA
rated service short-circuit breaking capacity (I _{cs})	: 18 kA
other ratings	see type NM7-400S

Product data - type NM7-400H

rated ultimate short-circuit breaking capacity (I _{cu})	: 65 kA
rated service short-circuit breaking capacity (I _{cs})	: 33 kA
other ratings	see type NM7-400S

Product data - type NM7-400R

rated ultimate short-circuit breaking capacity (I _{cu})	: 85 kA
rated service short-circuit breaking capacity (I _{cs})	: 43 kA
other ratings	see type NM7-400S

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Product data - type NM7-800C

rated operational current (Ie)	: 500 A, 630 A, 700 A, 800 A
conventional thermal current (Ith)	: Equal to Ie
instantaneous release	: 10 In
inverse time delay release	: 1,05 In, non-tripping within 2 hours 1,3 In, tripping within 2 hours
rated ultimate short-circuit breaking capacity (Icu)	: 35 kA
rated service short-circuit breaking capacity (Ics)	: 18 kA
safety distance (screen-circuit breaker)	: Front / Back: 0 mm Left / Right/ Up / Down: 100 mm
connecting capacity	: 185 mm ² - 2 x 240 mm ²

Product data - type NM7-800H

rated ultimate short-circuit breaking capacity (Icu)	: 65 kA
rated service short-circuit breaking capacity (Ics)	: 33 kA
other ratings see type NM7-800C	

Product data - type NM7-800R

rated ultimate short-circuit breaking capacity (Icu)	: 85 kA
rated service short-circuit breaking capacity (Ics)	: 43 kA
other ratings see type NM7-800C	

Product data - type NM7-800S

rated ultimate short-circuit breaking capacity (Icu)	: 50 kA
rated service short-circuit breaking capacity (Ics)	: 25 kA
other ratings see type NM7-800C	