



NH4 Switch Disconnecter

1. General

1.1 In the open position, It complies with the requirements of the isolating function.

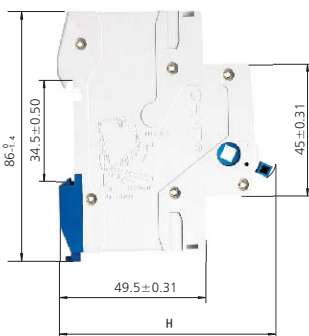
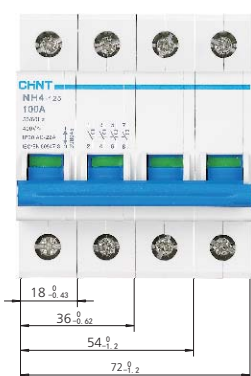
1.2 It is designed match NB series MCBs/RCBOs.

1.3 Approvals and certificates
Detailed information, please refer to Certificates Table on the last page.

2. Technical features

	Standard		IEC/EN 60947-3
Electrical features	Rated voltage Ue	V	230/400~240/415
	Rated current Ie	A	32, 63, 100, 125
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage (1.2/50)Uimp	V	4,000
	Rated short-time withstand current Icw		12Ie, 1s
	Rated making and breaking capacity		3Ie, 1.05Ue, cosφ=0.65
	Rated short circuit making capacity		20Ie, t=0.1s
	Dielectric test voltage at ind. Freq. for 5s	kV	2
	Insulation voltage Ui	V	500
	Pollution degree		2
Utilization category		AC-22A	
Mechanical features	Electrical life		1,500
	Mechanical life		8,500
	Protection degree		IP20
	Ambient temperature (with daily average ≤35°C)	°C	-5... +40
	Storage temperature	°C	-25... +70
Installation	Terminal connection type		Cable/Pin-type busbar/U-type busbar
	Terminal size top/bottom for cable	mm ²	50
		AWG	18-1/0
	Terminal size top/bottom for busbar	mm ²	35
		AWG	18-2
	Tightening torque	N·m	2.5
		In-lbs.	22
Connection		From top and bottom	

3. Overall and mounting dimensions (mm)




Number of poles	1P	2P~4P
H (mm)	74 ⁰ _{-1.2}	77 ⁰ _{-1.2}

Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out.

The manufacturer may indicate compliance to only the said directives by signing a DoC himself and may affix the CE marking to products identical to the tested sample(s) if the product complies with all CE marking directives that has the product in their scope. In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standards as they may occur. Additional requirements, additional directives and local laws may be applicable.

Applicant Name & Address	: Zhejiang Chint Electrics Co., Ltd No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yuwqing, Zhejiang Province, P.R.China
Manufacturing site Name & Address	: Same as applicant
Product(s) Tested	: Low-voltage switchgear and controlgear: Swich-disconnectors
Ratings and principal characteristics	: Ue= 240V~(1P), 415V~(2P, 3P, 4P) Ie= 32, 63, 100, 125A Icw= 12Ie / 1s, Icm=20Ie, Ui= 415V, Cat.: AC-22A
Model(s)	: NH4-125
Brand name	: 
Relevant Standard(s) / Specification(s) / Directive(s)	: EN 60947-3: 2009 in conjunction with EN 60947-1: 2007 the Low Voltage Directive 2006/95/EC
Verification Issuing Office Name & Address	: Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Verification Number	: SH12020933-V1
Report Number(s)	: SH12020933-001,-002,-003,-004

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

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April 24, 2012