



NH4 Switch Disconnect

1. General

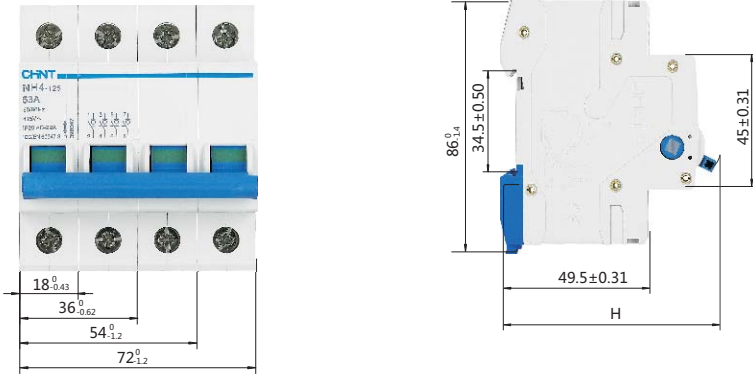
- 1.1 In the open position, It complies with the requirements of the isolating function.
- 1.2 It is designed match NB series MCBs/RCBOs.
- 1.3 Approvals and certificates
Detailed information, please refer to Certificates Table on the last page.



2. Technical data

	Standard		IEC/EN 60947-3
Electrical features	Rated voltage Ue	V	240/415
	Rated current Ie	A	32, 40, 63, 80, 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	1.89
	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}