



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.



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2. Ordering information

★ NH4, 1P



★ NH4, 2P



Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	230	180	153213	971014
63	230	180	153214	971015
100	230	180	153215	971016
125	230	180	-	983281

Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	400	90	153216	971017
63	400	90	153217	971018
100	400	90	153218	971019
125	400	90	-	983282

★ NH4, 3P



★ NH4, 4P



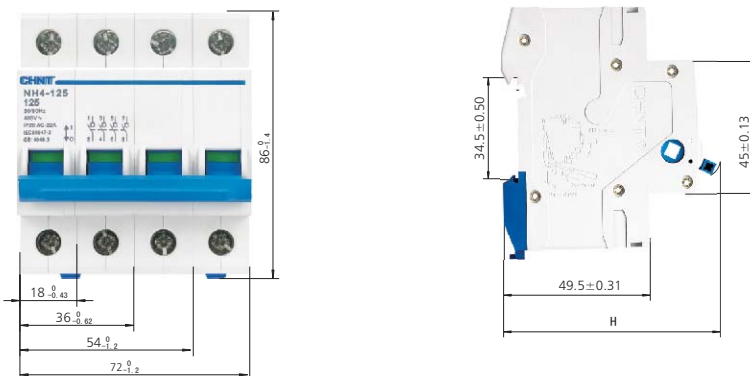
Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	400	60	153219	971020
63	400	60	153220	971021
100	400	60	153221	971022
125	400	60	-	983283

Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	400	45	153222	971023
63	400	45	153223	971024
100	400	45	153224	971025
125	400	45	-	983284

3. 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	

4. Overall and mounting dimensions (mm)



Number of poles	1P	2P~4P
H (mm)	74 ⁰ _{-1.2}	78 ⁰ _{-1.2}