

NH4 Switch Disconnector

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.

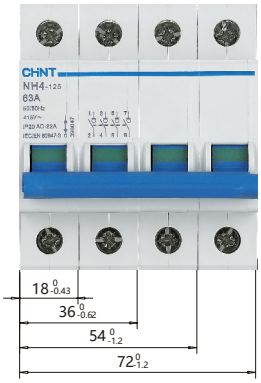
1.3 Approvals and certificates
Detailed information, please refer to Certificates Table on the last page.

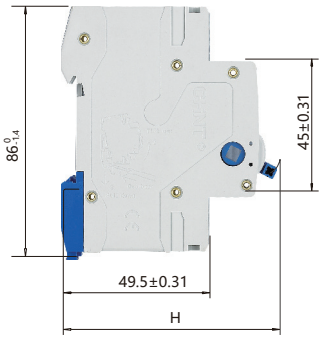
RoHS REACH

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
	Uilization category		AC-22A
Mechanical features	Electrical life		1,500
	Mechanical life		8,500
	Protection degree		IP20
	Ambient temperature (with daily average≤35℃)	℃	-5...+40
	Storage temperature	℃	-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 or bottom

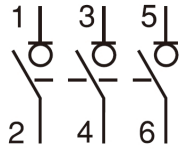
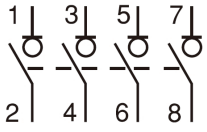
3. Overall and mounting dimensions (mm)





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

NH4-125	1P	32A	DB
Frame	**Poles**	**Rated current**	**Busbar**
NH4-125	1P 2P 3P 4P	32A~125A	Double Busbar

Diagram	Ie(A)	Ue(V)	Poles	Description	Code
	1P	32	240	NH4-125 1P 32A DB	398037
	1P	40	240	NH4-125 1P 40A DB	398105
	1P	63	240	NH4-125 1P 63A DB	398038
	1P	80	240	NH4-125 1P 80A DB	398109
	1P	100	240	NH4-125 1P 100A DB	398036
	1P	125	240	NH4-125 1P 125A DB	398032
	2P	32	415	NH4-125 2P 32A DB	398040
	2P	40	415	NH4-125 2P 40A DB	398106
	2P	63	415	NH4-125 2P 63A DB	398041
	2P	80	415	NH4-125 2P 80A DB	398110
	2P	100	415	NH4-125 2P 100A DB	398039
	2P	125	415	NH4-125 2P 125A DB	398033
	3P	32	415	NH4-125 3P 32A DB	398043
	3P	40	415	NH4-125 3P 40A DB	398107
	3P	63	415	NH4-125 3P 63A DB	398044
	3P	80	415	NH4-125 3P 80A DB	398111
	3P	100	415	NH4-125 3P 100A DB	398042
	3P	125	415	NH4-125 3P 125A DB	398034
	4P	32	415	NH4-125 4P 32A DB	398046
	4P	40	415	NH4-125 4P 40A DB	398108
	4P	63	415	NH4-125 4P 63A DB	398047
	4P	80	415	NH4-125 4P 80A DB	398112
	4P	100	415	NH4-125 4P 100A DB	398045
	4P	125	415	NH4-125 4P 125A DB	398035