



NXBLE-63YH Residual current operated circuit breaker (RCBO)

1. Compliant standards

IEC61009-1

2. Compliant certification

CE

3. Major function

Overload protection, short circuit protection, residual current operation

4. Technical parameters

Rated current: 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A;

Rated residual operating current: 0.01A, 0.03A, 0.1A, 0.3A;

Rated voltage: 1P+N, 2P: AC230V; 3P, 3P+N, 4P: AC400V

Frequency: 50Hz;

Thermal magnetic release: C, D;

Number of poles: 1P+N;2P, 3P, 3P+N,4P

Mechanical life: 20000 cycles;

Electrical life: 10000 cycles;

Rated short-circuit breaking capacity(Icu): 6000A;

Short-circuit breaking capacity(Ics): 6000A;

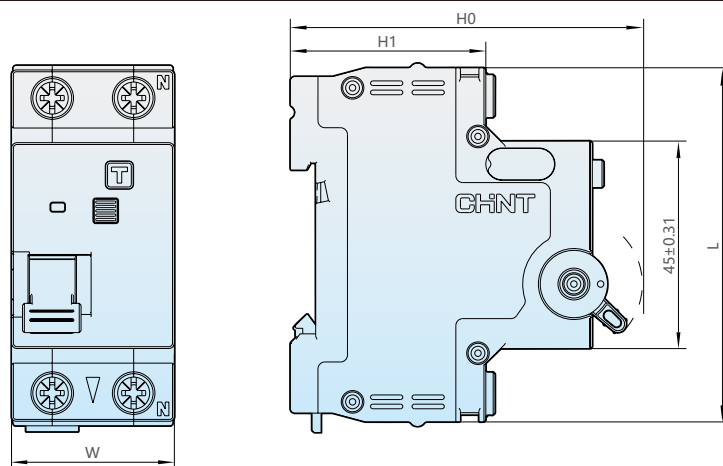
Rated impulse withstand voltage(Uimp): 4kV;

Temperature derating see table 1

Table 1

Ambient temperature(°C)	-35	-20	-10	0	10	20	30	40	50	60	70
Rated current(A)											
1~6	1.45	1.40	1.30	1.23	1.15	1.08	1	0.98	0.95	0.93	0.91
10~25	1.27	1.24	1.19	1.13	1.08	1.04	1	0.98	0.95	0.92	0.89
32~40	1.27	1.24	1.19	1.13	1.08	1.04	1	0.97	0.92	0.9	0.87
50~63	1.26	1.25	1.18	1.13	1.08	1.03	1	0.95	0.90	0.86	0.84

5. Dimensions and installation sizes



Poles	Dimension (mm)			
	L	W	H0	H1
1P+N/2P	76.8±0.37	36 ⁰ _{-0.62}	76.5 ⁰ _{-1.2}	42.5±0.31
3P/3P+N	92.5±0.8	72 ⁰ _{-1.4}	78±0.7	49.5±0.31
4P	92.5±0.8	90 ⁰ _{-1.6}	78±0.7	49.5±0.31