



NXBLE-125 Residual current operated circuit breaker (CBRS)

1. Compliant standards

IEC/EN60947-2

2. Compliant certification

CE

3. Major function

Overload protection, short circuit protection, isolation, residual current operation

4. Technical parameters

Rated current: 63A, 80A, 100A(1P+N, 2P, 3P, 4P), 125A(1P+N, 2P) ;

Rated residual operating current: 0.03A, 0.05A, 0.075A, 0.1A, 0.3A;

Rated voltage: 230V ~ (1P+N, 2P), 400V ~ (3P, 3P+N, 4P);

Frequency: 50/60Hz,

Thermal magnetic release: C: 8In, D:12In

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

Mechanical life: 20000 cycles;

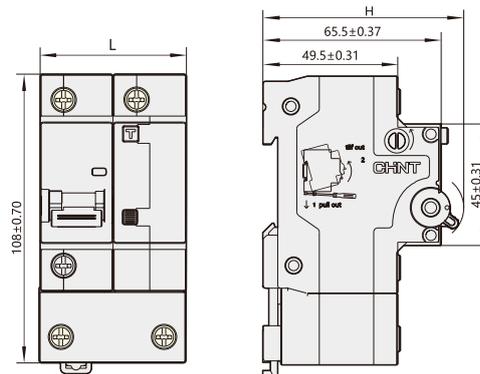
Electrical life: 6000 cycles (In ≤ 100A); 4000 cycles (In > 100A);

Rated short-circuit breaking capacity(Icu): 10kA;

Short-circuit breaking capacity(Ics): 7.5kA;

Rated impulse withstand voltage(Uimp): 4kV.

5. Dimensions and installation sizes



	1P+N	2P	3P	4P
L(mm)	54 ⁰ _{-0.74}	81 ⁰ _{-0.87}	108 ⁰ _{-1.40}	135 ⁰ _{-1.60}
H(mm)	75.5 ⁰ _{-1.20}	78.5 ⁰ _{-1.20}	78.5 ⁰ _{-1.20}	78.5 ⁰ _{-1.20}