

NXB-125G Miniature circuit breaker

1. Compliant standards

IEC/EN60898-1

2. Compliant certification

CE

3. Major function

Overload protection, short circuit protection, positive isolation

4. Technical parameters

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

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

Frequency: 50/60Hz

Thermal magnetic release: B, C, D;

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

Mechanical life: 20000 cycles;

Electrical life: 6000 cycles ($I_n \leq 100A$); 4000 cycles ($I_n > 100A$);

Rated short-circuit breaking capacity(I_{cn}): 10kA;

Short-circuit breaking capacity(I_{cs}): 7.5kA;

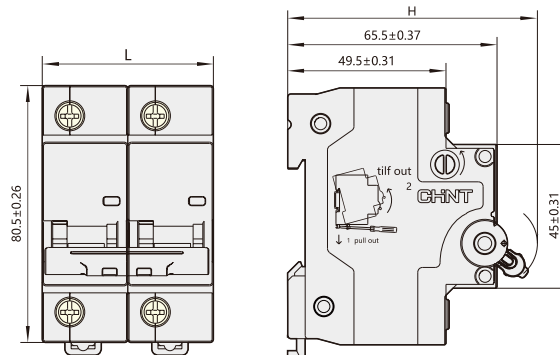
Rated impulse withstand voltage(U_{imp}): 4kV;

Power consumption on each pole of the circuit breaker: see Table 1.

Table 1

Rated current I_n (A)	Maximum power consumption per pole (W)
63	3.5
80	5.5
100	7.5
125	11.5

5. Dimensions and installation sizes



	1P	2P	3P	4P
L(mm)	27 ⁰ _{0.52}	54 ⁰ _{0.74}	81 ⁰ _{-1.40}	108 ⁰ _{-1.40}
H(mm)	75.5 ⁰ _{-1.20}	78.5 ⁰ _{-1.20}	78.5 ⁰ _{-1.20}	78.5 ⁰ _{-1.20}

