



## NXB-125 Moulded case circuit breaker

### 1. Compliant standards

IEC60947-2

### 2. Compliant certification

CE

### 3. Major function

Overload protection, short circuit protection, positive isolation

### 4. Technical parameters

Rated current: 63A, 80A, 100A, 125A;

Rated voltage: 240V ~ (1P), 415V ~ (2P, 3P, 4P);

Frequency: 50Hz;

Electromagnetic release type: C, D;

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

Mechanical life: 20000 cycles;

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

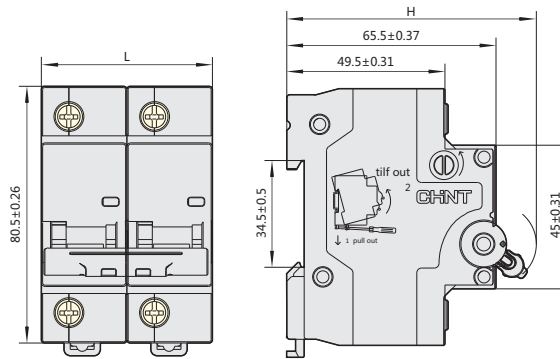
Rated short-circuit breaking capacity( $I_{cu}$ ): 10000A;

Short-circuit breaking capacity( $I_{cs}$ ): 7500A;

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

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

### 5. Dimensions and installation sizes



	1P	2P	3P	4P
L(mm)	27 <sup>0</sup> <sub>0.52</sub>	54 <sup>0</sup> <sub>0.74</sub>	81 <sup>0</sup> <sub>1.40</sub>	108 <sup>0</sup> <sub>1.40</sub>
H(mm)	75.5 <sup>0</sup> <sub>1.20</sub>	78.5 <sup>0</sup> <sub>1.20</sub>	78.5 <sup>0</sup> <sub>1.20</sub>	78.5 <sup>0</sup> <sub>1.20</sub>