

## NXB-125G Miniature circuit breaker

### 1. Compliant standards

IEC60898-1

### 2. Compliant certification

CE

### 3. Major function

Overload protection, short circuit protection, positive isolation

### 4. Technical parameters

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

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

Frequency: 50Hz;

Electromagnetic release type: 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( $I_{cn}$ ): 10000A;

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

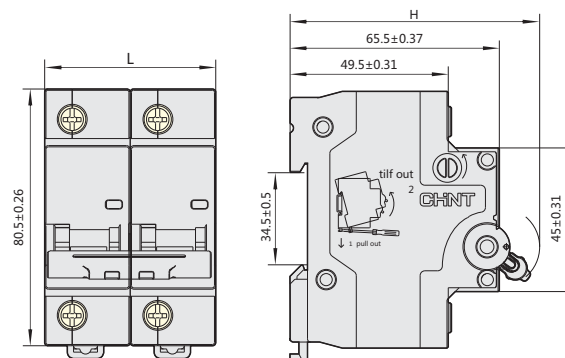
Rated impulse withstand voltage( $U_{imp}$ ): 4kV;

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

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) | $27^{0}_{-0.32}$   | $54^{0}_{-0.74}$   | $81^{0}_{-1.40}$   | $108^{0}_{-1.40}$  |
| H(mm) | $75.5^{0}_{-1.20}$ | $78.5^{0}_{-1.20}$ | $78.5^{0}_{-1.20}$ | $78.5^{0}_{-1.20}$ |

