



## NXB-63H Miniature circuit breaker

### 1. Compliant standards

IEC/EN60898-1

### 2. Compliant certification

CE, SII, SI

### 3. Major function

Overload protection, short circuit protection , positive isolation

### 4. Technical parameters

Rated current: 1A, 2A, 3A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A,;

Rated voltage: 220V~/230V~/240V~(1P, 1P+N) 380V~/400V~/415V~(2~4P, 3P+N);

Frequency: 50/60Hz;

Thermal magnetic release: B, C, D;

Number of poles: 1P, 1P+N(N on right), 2P, 3P, 3P+N(N on right), 4P;

Mechanical life: 20000 cycles;

Electrical life: 10000 cycles;

Rated short-circuit breaking capacity: 10000A;

Short-circuit breaking capacity: 7500A;

Rated insulation voltage Ui: 500V

Rated impulse withstand voltage: 4kV;

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

Table 1

Rated current In (A)	Maximum power consumption per pole (W)
1~10	3
16	3.5
20~25	4.5
32	6
40	7.5
50	9
63	13

Temperature derating see table 2

Table 2

Ambient temperature(°C)	-35	-20	-10	0	10	20	30	40	50	60	70
Rated current(A)											
1~6	1.28	1.25	1.18	1.13	1.08	1.03	1	0.96	0.91	0.87	0.82
10~25	1.27	1.24	1.19	1.13	1.07	1.02	1	0.96	0.91	0.87	0.82
32~40	1.27	1.24	1.19	1.13	1.08	1.04	1	0.97	0.92	0.88	0.83
50~63	1.28	1.25	1.18	1.13	1.08	1.03	1	0.96	0.91	0.87	0.82

### 5. Dimensions and installation sizes

