



NXB-63G Moulded case circuit breaker

1. Compliant standards

IEC/EN 60947-2、VC8036、SANS 556-1、SANS 60947-2

2. Compliant certification

CE, CB, LoA

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: 230V~/240V~(1P), 400V~/415V~(2P, 3P, 4P);

Frequency: 50/60Hz;

Rated instantaneous short-circuit current setting: 10In, 14.2In;

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

Mechanical life: 20000 cycles;

Electrical life: 10000 cycles;

Rated ultimate short-circuit breaking capacity(Icu): 6000A;

Service short-circuit breaking capacity (Ics): 6000A;

Rated insulation voltage Ui: 500V;

Rated impulse withstand voltage (Uimp): 4kV;

Reference temperature for setting of thermal element: 40 C ;

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

Table 1

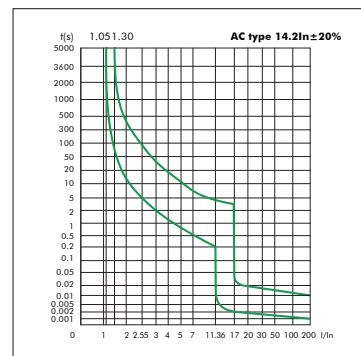
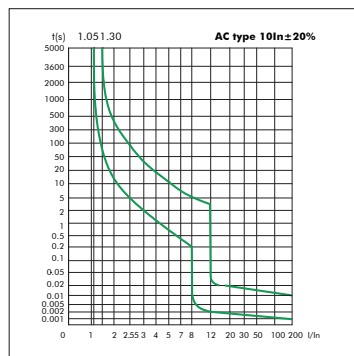
Rated current In (A)	Maximum power consumption per pole (W)
1~10	3
16	3.5
20~25	4.5
32	6
40	7.5
50	9
63	13

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	1.31	1.28	1.25	1.18	1.13	1.08	1.03	1	0.96	0.91	0.87
10~25	1.3	1.27	1.24	1.19	1.13	1.07	1.02	1	0.97	0.93	0.89
32~40	1.3	1.27	1.24	1.19	1.13	1.08	1.04	1	0.95	0.91	0.86
50~63	1.31	1.28	1.25	1.18	1.13	1.08	1.03	1	0.96	0.91	0.87

5. Curves



6. Dimensions and installation sizes

