



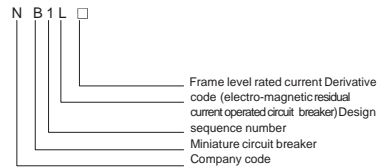
NB1L-63 Residual Current Operated Circuit Breaker with over-current protection(Magnetic)

1. General

- 1.1 Certificates: CB, CE, FIMKO, SEMKO, PCT, UKREST;
- 1.2 Electric ratings: up to 63A, 230V/1P+N, 2P, 400V/3P, 3P+N, 4P, AC50/60Hz;
- 1.3 Tripping characteristics: B, C, D;
- 1.4 Icn: 1-40A: 6000A/10000A
50-63A: 6000A
- 1.5 Rated residual current operated making & breaking capacity
I_{Δn}: 500 A;
- 1.6 Rated residual non-operated current I_{Δno}: 0.5I_{Δn};
- 1.7 Rated insulation voltage U_i: 500 V;
- 1.8 Rated impulse withstand voltage U_{imp}: 6000 V;
- 1.9 Life (operations):
 - a. Electrical life: 2000, COS φ = 0.85-0.9
 - b. Mechanical life: 2000
 - c. Operating frequency: 240/h (I_n ≤ 25A); 120/h (I_n > 25A);
- 1.10 Standard: IEC/EN 61009-1.

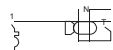


2. Type Designation



3. Technical Data

- 3.1 Technical parameters
- ★ NB1L-63, 1P+N



I _n (A)	I _n (mA)	CTN	Order Code		
			Curve B	Curve C	Curve D
1	30	48	142001	142166	142331
1	100	48	142002	142167	142332
1	300	48	142003	142168	142333
2	30	48	142004	142169	142334
2	100	48	142005	142170	142335
2	300	48	142006	142171	142336
3	30	48	142007	142172	142337
3	100	48	142008	142173	142338
3	300	48	142009	142174	142339
4	30	48	142010	142175	142340
4	100	48	142011	142176	142341
4	300	48	142012	142177	142342
6	30	48	142013	142178	142343
6	100	48	142014	142179	142344
6	300	48	142015	142180	142345