



NXHB-125 Isolation switch

1. Compliant standards

IEC60947-3

2. Compliant certification

CE

3. Major function

Isolation function

4. Parameters and performance

Rated current I_e : 20A, 32A, 40A, 63A, 80A, 100A, 125A;

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

Rated insulation voltage U_i : 500V;

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

Rated impulse withstand voltage U_{imp} : 6kV;

Rated short time withstand current I_{cw} : 12 I_e , power-on time of 1s;

Rated short-circuit making capacity I_{cm} : 20 I_e , power-on time of 0.1s;

Rated making and breaking capacity: 3 I_e , 1.05 U_e , $\cos\phi=0.65$;

Operation performance: mechanical life of 10,000 cycles, electrical life of 3000 cycles;

Pollution degree: II;

Utilization category: AC-22A, AC-21B;

Installation category: II, III;

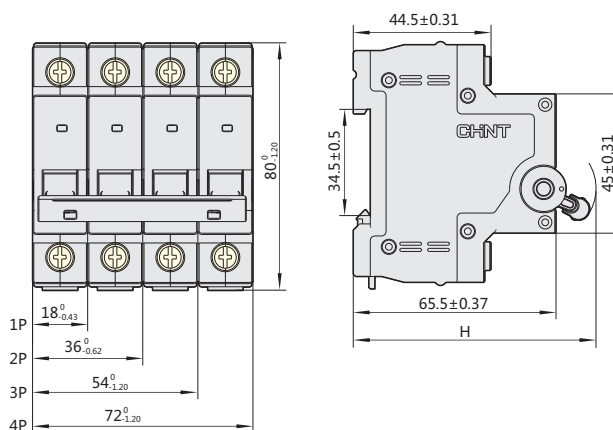
Installation: TH35-7.5 steel rail mounting, the gradient of the mounting surface from the vertical plane should be $\leq 5^\circ$;

Wiring: screw clamp wiring, tightening torque 3.5N·m (80A ~ 125A);

tightening torque 2.0N·m(20A ~ 63A).

5. Dimensions and installation sizes

Fig 1 Dimensions and installation sizes



	1P	2P~4P
H(mm)	76.3 ⁰ _{-1.2}	78 ⁰ _{-1.2}