



## NXHB-125 Isolation switch

### 1. General

1.1 In the open position, It complies with the requirements of the isolating function.

1.2 It is designed match NB/NXB series MCBs/RCBOs.

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

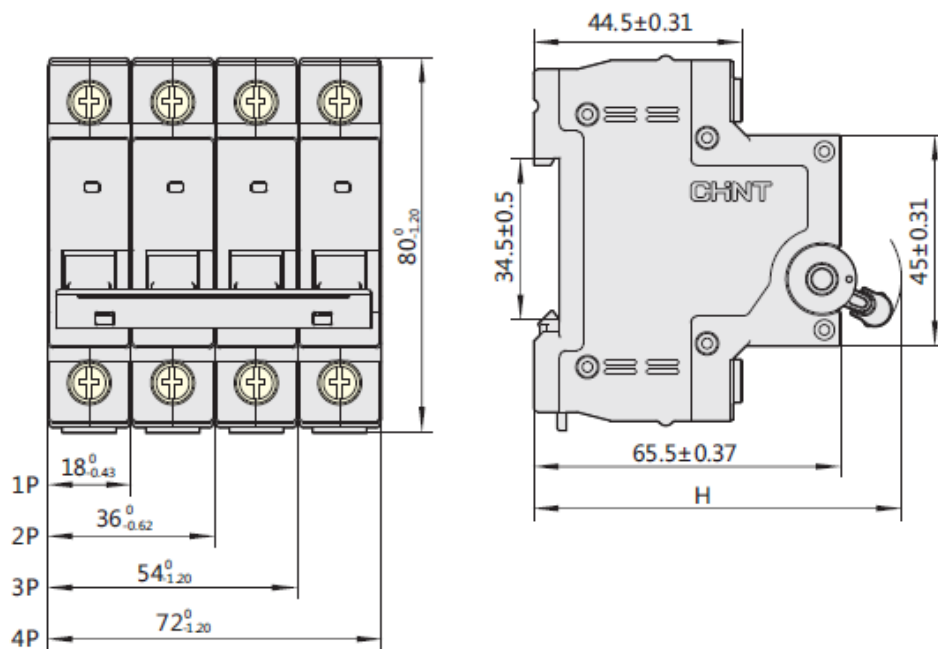
## Isolation switch | Product description

### 2. Technical data

#### Circuit breaker and switch parameters

Product model		NXHB-125
Compliant standards		IEC60947-3
Rated current (A)		20A, 32A, 40A, 63A, 80A, 100A, 125A
Rated voltage (V ~)		240/415
Rated frequency (Hz)		50
Number of poles		1P, 2P, 3P, 4P
Mechanical life (cycles)		10000
Electrical life (cycles)		3000
Rated short-circuit breaking capacity Ics (A)		20Ie
Short-circuit breaking capacity Icu (A)		3Ie
Rated impulse withstand voltage (1.2 / 50)(kV) @ 2000 Mtr		6
Dielectric test voltage (V)		(Power frequency 1 minute) 1890
Anti-humid and heat properties (IEC60068-2-30:55°C/90~96%,25°C/95~100%)		28 cycles
Terminals	Minimum cross section (mm <sup>2</sup> )	16
	Maximum cross section (mm <sup>2</sup> )	50
	Standard connection torque (N·m)	2.0 N·m(20A ~ 63A). 3.5 N·m (80A ~ 125A)
	Maximum withstand torque (N m)	4
	Wire insertion depth (mm)	15
Reference temperature for setting of thermal element (°C)		30
Ambient temperature (°C)		-35~+70
Ambient storage temperature (°C)		-35~+85
Applicable altitude (m)		2000
Cable entry		Top or bottom entry
Mounting		TH35-7.5-rail mounting
Pollution degree		Pollution degree III
Protection degree	Direct mounting	IP20
	Mounted in the distribution box	IP40

3. Dimensions and installation sizes



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