

NB8-125 Series MCCB

General



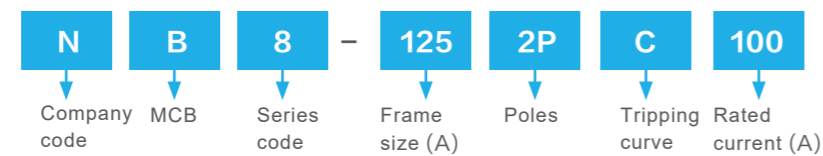
NB8-125 Moulded Case Circuit Breaker is mainly applicable to the general section distribution lines of commercial office buildings, residential buildings and general industrial uses with AC 50/60Hz, rated voltage up to 400V and rated current up to 125A.

Function: overload, short circuit, isolation

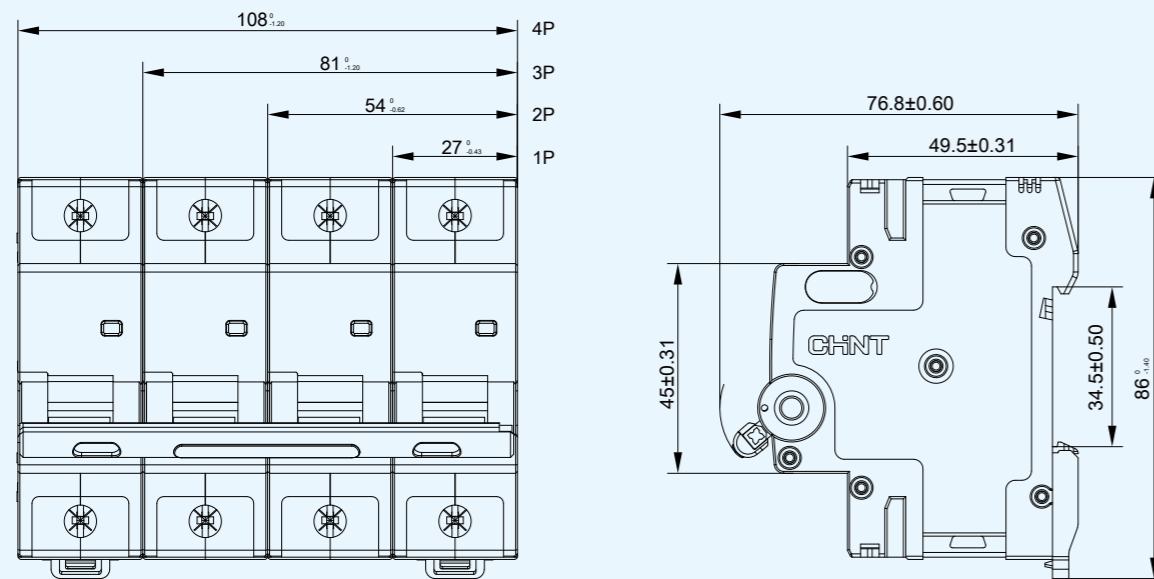
Standards: GB/T14048.2 IEC60947-2

Certificates: CCC、CE、CB、RoHS

Type designation



Overall dimensions



mm

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Technical parameter

Series name	NB8-125	
Rated current(A)	80,100,125	
Rate voltage(V)	AC230V/400V	
Rated frequency(Hz)	50Hz	
Poles	1P、2P、3P、4P	
Machnical life(times)	20000	
Electrical life(times)	6000、4000(125A)	
Rated breaking capacity(A)	10000	
Service breaking capacity(A)	7500	
Rated insulation voltage(V)	630	
Rated impulse withstand voltage(1.2/50)(kV)	6	
Dielectric voltage(V)	(50Hz, 1分钟)2000	
Damp heat resistant (GB/T2423.4:55°C/90~96%,25°C/95~100%)	28 cycles	
Anti vibration(IEC/EN60068-2-6)	Places without obvious vibration and impact	
Terminal	Terminal connection type	Cable/Pin-type busbar
	Minimum terminal size(mm ²)	25
	Maximum terminal size(mm ²)	50
	Tighten torque(N·m)	3.5
	Strip length(mm)	14
Reference temperature(°C)	40 or 50	
Working temperature	-35~+70	
Storage temperature	-35~+85	
Altitude	≤2000m	
Working principal	Thermal magnetic	
Curves	C(6.4In~9.6In)	■
	D(9.6In~14.4In)	■
Flame retardant grade of shell	V-0	
Connection	From top and bottom	
Pollution degree	3	
Protection degree	Direct mounting	IP20B
	Inside the cabinet	IP40B
Accessories	S9、V9、XF9、XF9J、OVT-1、OUVT-1	