

NS

▪ Application

NS series moulded case circuit breaker is one of breaker which adopts international advanced design, manufacture technology to develop. The rated insulating voltage is 750V, suitable for AC 50Hz(60Hz),rated working voltage 690V or below, rated working current is 12.5A to1250A of circuit and used in distributing electric energy, and non-frequent breaking in the normal conditions , protecting the current& equipment from overload& under voltage, circuit breaker with rated frame current 400A or below,can be used in mouseage motor ' s non-frequent start,breaking during working, protecting motor from overload, short circuit& undervoltage,the product conforms to IEC60947-2 standard.

Type	Pole number	Rated insulating voltage(V)	Rated operating voltage(V)	Rated ultimate short circuit breaking capacity Icu (KA) at 380/415V	Rated services short circuit breaking capacity Ics at 380/415V(KA)	Operation performance		Utilization category			
						ON	OFF				
NS-100N	3, 4pole	750	690 and below	25	25	1500	8500	A			
NS-100H				70	70						
NS-100L				150	150						
NS-160N				36	36	1000	7000				
NS-160H				70	70						
NS-160L				150	150						
NS-250N				36	36	1000	7000				
NS-250H				70	70						
NS-250L				150	150						
NS-400N				3 pole	750	690 and below	45		45	1000	4000
NS-400H							70		70		
NS-400L							150		150		
NS-630N							45		45	1000	4000
NS-630H							70		70		
NS-630L							150		150		
NS-1250N							50		37.5	1000	4000
NS-1600N	50	37.5									

▪ Main Technical Parameter

Note:1. The N-pole breaker has no protection which closing and opening with the other three poles. 2. The type of thermal magnetic for NS-400/630 has no four poles.

Type	Rated currentIn(A)	Note
NS-100	12.5,16,20,25,32,40,50,63,80,100	Tadjustable (0.8~1In)M adjustable (5~10In)
NS-160	16,20,25,32,40,50,63,80,100,125,160	
NS-250	160,180,200,225,250	
NS-400	315,350,400	
NS-630	400,500,630	
NS-1250	800,1000,1250	Tadjustable (0.8~1In)M fixed