

NS Series Moulded Case Circuit Breaker

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 to 1250A 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 mousecage motor's non-frequent start, breaking during working, protecting motor from overload, short circuit & under voltage, the product conforms to IEC60947-2 standard.



NS-100N/3P



NS-250N/3P



NS-400N/3P



NS-630N/3P

Main technical specifications

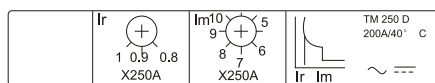
Table 1

Type	Pole number	Rated insulating voltage (V)	Rated Operating voltage (V)	Rated ultimate short circuit breaking capacity Icu(KA) at 380/415V	Rated series short circuit breaking capacity Ics at 380/415V	Operation performance		Utilization category
						ON	OFF	
NS-100N	3,4 pole	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	3,4 pole	750	690 and below	36	36	1000	7000	
NS-250H				70	70			
NS-250L				150	150			
NS-400N				45	45	1000	4000	
NS-400H	70	70						
NS-400L	150	150						
NS-630N	3 pole	750	690 and below	45	45	1000	4000	
NS-630H				70	70			
NS-630L				150	150			
NS-1250N				50	375	1000	4000	
NS-1600N	50	375						

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.

Trip units main technical parameter

Thermal magnetic release



Type	Rated currentIn(A)	Note
NS-100	12.5, 16, 20, 25, 32, 40, 50, 63, 80, 100	T adjustable (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	T adjustable (0.8-1In) M fixed
NS-1600	1000, 1250, 1600	