

MOM8 Series >>>



1. Applicable scope

NOM8(NS) series plastic outer covering type circuit breaker is this company uses one of international vanguard technology development development new circuit breakers, its fixed insulation voltage is 950V, is suitable in exchanges 50Hz or (60Hz), fixed working voltage 690V and below, fixed operating current 12.5A to in the 630A electric current, uses for to assign the electrical energy, in normal condition mean infrequent closed and using of the separation, and overloads, owes the voltage the protective function when the line and the equipment. Fixed shell rank electric current in 400A and following circuit breaker, also may do is the cage electric motor to start not frequently, the revolution interrupts as well as overloads in the electric motor, the short circuit and owes when the voltage protective function. The product conforms to IEC60947-2 standard.

2. Tripping characteristics

Rated current of release(A)	Thermodynamic release(ambient temp +40° C)		operational current of magnetic release(A)
	1.05In(cold state) in operative time(h)	1.30(heat state) inoperative time(h)	
$I_n \leq 63$	≥ 1	< 1	$10I_n \pm 20\%$
$63 < I_n \leq 100$	≥ 2	< 2	$10I_n \pm 20\%$
$100 < I_n \leq 630$	≥ 3	< 3	$5-10I_n \pm 20\%$

Rated current of release(A)	Thermodynamic release(ambient temp +40° C)				operational current of magnetic release(A)
	1.0 In(cold state) operative time(h)	1.20(heat state) operative time(h)	1.50(heat state) operative time(h)	1.01(heat state) operative time(h)	
$12.5 < I_n \leq 400$	≥ 2	< 2	$\leq 4\text{min}$	$2s < t_p \leq 400$	$12I_n \pm 20\%$

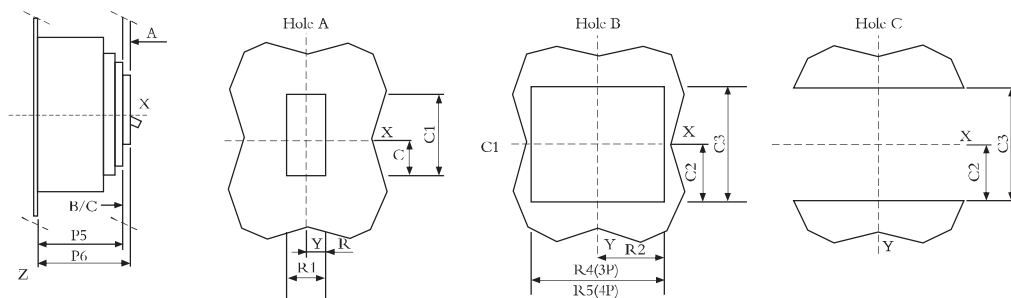
3. Technical parameters

Type	Rated current (A)	Poles	Rated insulating voltage(V)	Rated operating voltage(V)	Arcing over distance(mm)	Icu (kA)	Ics (kA)	Operating performance (time)
NOM8-100D	12.5,16,20,25 32,40,50,63 80,100	3, 4	950	690	0	18	18	1500,8500
NOM8-100N						25	25	
NOM8-100H						70	70	
NOM8-100L						150	150	
NOM8-160D	100,125,160					25	25	1500,7000
NOM8-160N						36	36	
NOM8-160H						70	70	
NOM8-160L						150	150	
NOM8-250D	160,180,200 225,250					25	25	1000、7000
NOM8-250N						36	36	
NOM8-250H						70	70	
NOM8-250L						150	150	
NOM8-400D	300,315 ,400	35	35	1000、4000				
NOM8-400N		45	45					
NOM8-400H		70	70					
NOM8-400L		150	150					
NOM8-630D	400,500 ,630	35	35	1000、4000				
NOM8-630N		45	45					
NOM8-630H		70	70					
NOM8-630L		150	150					

Type	Rated current (A)	Poles	Rated insulating voltage(V)	Rated operating voltage(V)	Arcing over distance(mm)	Icu (kA)	Ics (kA)	Operating performance (time)
NOM8-1250D	800 1000 1250	3、4	950	690	0	50	50	500、2500
NOM8-1250N						65	65	
NOM8-1250H						85	85	
NOM8-1250L						160	160	
NOM8-1600D	800 1000 1250 1600	3、4	950	690	0	50	50	500、2500
NOM8-1600N						65	65	
NOM8-1600H						85	85	
NOM8-1600L						160	160	

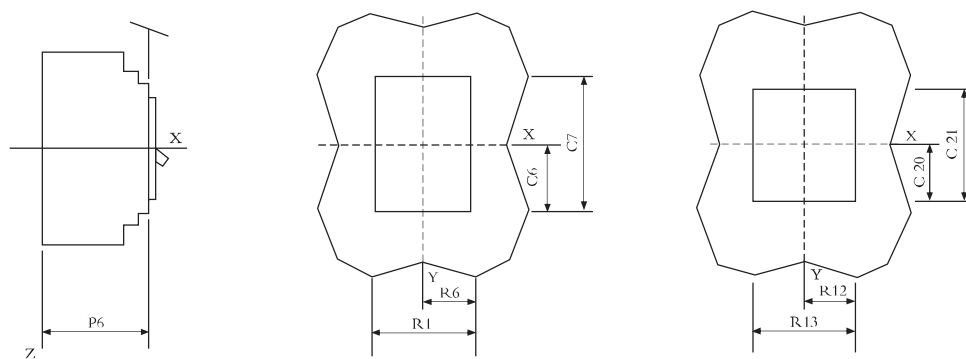
4. Mounting diagram and sizes

Uses in the stationary type or the jack-in circuit breaker



Belt product label

The belt pulls out moves the switch



MOM8C Series >>>



1. Applicable scope

The NOM8C series plastic outer covering type circuit breaker is suitable in exchanges 50/60Hz, the fixed working voltage is highest to 550V, nominal current In the 15–630A low pressure electrical power distribution system uses in protecting the distribution line and the current collector, exempts is overloaded, the short circuit and the earth fault harm, provides the power supply the continuity and the reliability.

2. Features

- 1) Its contact and arc suppression system adopt revolving double cut-off point design so as to improve breaking capability
- 2) Its tripper has therm-magnetic trip and electric trip
- 3) Rated insulating voltage: 950V
- 4) Frequency: AC 50Hz (60Hz)
- 5) Rated working voltage: 690V or below
- 6) Rated working current: 12.5 to 1250A

3. Technical parameters

Specification		NOM8C-100	NOM8-250	
Number of Poles		3	3	
Rated Current In(A)		15、 20、 25、 30、 40 50、 60、 75、 80、 100	125、 160、 225、 250	
Rated Operating Voltage Ue(V) AC50/60Hz		500	500	
Rated Insulation Voltage Ui(V)		500	500	
Rated Uimp (kV)		6	6	
Breaking Capacity (kA ms) IEC60947-2	Icu、 AC	220/240V	50	85
		380V	30	18
		400V	20	15
	Ics%、 Icu	220/240V	25%	25%
		380V	25%	25%
		400V	25%	25%
Breaking Capacity (kA) NEMA-ABI, HIC	AC	240V	25	25
		480V	10	10
Mechanical Life (times)		8500	8500	
Electrical Life (times)		4000	4000	
Over Current Protection (A)	Thermal-Magnetic Protection	Fixed	Fixed	
	Electronic Protection	Fixed	Fixed	
Size (mm)L × W × H		130x75x65	166x110x65	