

NM8N DC Moulded Case Circuit Breaker			125					250					
Rated operating current In (A),40℃			16-20-25-32-40-50-63-80-100-125					125-160-180-200-225-250					
Electric characteristics													
Rated insulation voltage Ui (V)			1000					1000					
Rated impulse withstand voltage Uimp (kV)			8					8					
Rated operational voltage Ue (V),DC			250 , 500 , 750 , 1000					250 , 500 , 750 , 1000					
Breaking capacity code			B	C	S	Q	H	B	C	S	Q	H	
Number of poles	1P				—	—					—	—	
	2P												
	3P												
	4P												
Rated ultimate short-circuit breaking capacity Icu(kA)	DC250V 1P	25	36	50	—	—	25	36	50	—	—		
	DC500V 2P in series	25	36	50	70	100	25	36	50	70	100		
	DC750V 3P in series	25	36	50	70	100	25	36	50	70	100		
	DC1000V 4P in series	25	36	50	70	100	25	36	50	70	100		
Rated service breaking capacity Ics(kA)	DC250V 1P	25	36	50	—	—	25	36	50	—	—		
	DC500V 2P in series	25	36	50	70	100	25	36	50	70	100		
	DC750V 3P in series	25	36	50	70	100	25	36	50	70	100		
	DC1000V 4P in series	25	36	50	70	100	25	36	50	70	100		
Standard			IEC/EN 60947-2										
Utilization category			A					A					
Ambient temperature			-40℃ ~+70℃										
Safety of insulation													
Arcing distance			0					0					
Mechanical life (CO recycle)	Maintenance free	15000					15000						
Electrical life (CO recycle)	DC1000V,In	2000					1500						
Release units													
Distribution protection	TM												
Mounting and connection													
Fixed	Front connection												
	Rear connection												
Plug-in ¹⁾	Front connection												
	Rear connection												
Draw-out ¹⁾	Front connection	—					—						
	Rear connection	—					—						
DIN rail	Front connection												
Dimension													
Dimension(mm) W×H×D	Width(1P/2P/3P/4P)	35/62/90/120					40/70/105/140						
	Height	140					157						
	Depth	78.5					88.7						
Weight													
Weight(kg)/Fixed	1P	0.5					0.75						
	2P	0.83					1.3						
	3P	1.19					1.85						
	4P	1.55					2.5						

Note : ¹⁾ For 3/4 pole product only.

	400	630	800	1600
	250-315-350-400	400-500	500-630-700-800	800 - 1000 - 1250-1600
	1000	1000	1250	1000
	12	12	12	8
	750 , 1000	750 , 1000	750 , 1000	750 , 1000
	B C S Q H	B C S Q H	B C S Q H	B C
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	25 36 50 70 100	25 36 50 70 100	25 36 50 70 100	25 36
	25 36 50 70 100	25 36 50 70 100	25 36 50 70 100	25 36
	— — — — —	— — — — —	— — — — —	— —
	— — — — —	— — — — —	— — — — —	— —
	25 36 50 70 100	25 36 50 70 100	25 36 50 70 100	25 36
	25 36 50 70 100	25 36 50 70 100	25 36 50 70 100	25 36
	IEC/EN 60947-2			
	A	A	A	A
	-40C ~+70C			
	■	■	■	■
	0	0	0	0
	15000	15000	10000	6000
	1500	1500	1000	1000
	■	■	■	■
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	■	■	—	—
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	■	■	■	—
	—	—	—	—
	140/185	140/185	195/260	210/280
	255	255	300	286
	113	113	133	167
	—	—	—	—
	—	—	—	—
	5.2	5.5	10.3	13.5
	6.7	7	13.5	17.5

B