NCM₁ Moulded Case Circuit Breaker





NCM1-63L 3P

NCM1-225L 3P



NCM1-100M 4P

Application

NCM1 series moulded case circuit breaker(hereinafter referred to as circuit breaker) is suitable for distribution network of AC50Hz/60Hz, rated working voltage 690V (NCM1-63 is 500V) and below, rated current 1250A and below, used to distribute the electric energy and protect the circuitry and power unit against overload, under-voltage or short-circuit. Circuit breakers whose frame size is 400A below also can be used to protect the motor against overload, undervoltage of short-circuit. In addition, it can be used to switch the circuitry and start the motor infrequently.

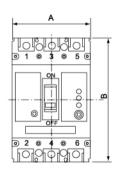
The products comply with IEC60947-2, they can be vertically installed or horizontally installed.

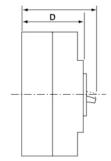
Model of circuit breaker		NCM	11-63	N	CM	1-10	00	NC	M1	1-22	25	N	1CM1	1-400	N	CM	1-6	30	N	ICN	/11-	80	0	NCM1-1250
Pole number		3	4	:	3	4	ļ	3	3	4	ŀ	3		4	3	3	4	4			3			3
Rated current In(A)		6 10 16 20 32 40 50 63		10 16 20 32 40 50 63 80 100		0	100 125 160 180 200 225		0	200 225 250 315 350 400			400 500 630			630 700 800			800 1000 1250					
Rated insulation voltage Ui(V)		69	90	800																				
Rated impulse Withstand voltage Uimp(V)		6000 8000																						
Rated working Voltage Ue(V)		AC400/690																						
Class of breaking capacity		L	М	L	М	н		L	М	Н		c			L	М	н		c	L	М	Н		
Ultimate short- circuit breaking capacity Icu(kA) (O-t-CO)	400V	25	50	35	50	85	50	35	50	85	50	35		50	45	65	100	65	35	50	70	100	50	80
	690V				2	0	20		20		20					20					20			
Service short- circuit breaking capacity Icu (kA)(O-t- CO-t-CO)	400V	18	30	26	30	43	30	26	30	43	30	20	1.5	30	34	42	65	42	20	30	40	50	30	50
	690V				1	0	10		1	0	10					1	0				10	0		

Outline and Mounting Size

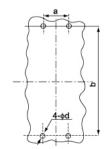
Flashover

distance(mm)





50



100