



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, under-voltage or 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.

Main Technical Parameters

Model of circuit breaker	NCM1-63		NCM1-100		NCM1-225		MCM1-400		NCM1-630		NCM1-800		NCM1-1250										
Pole number	3	4	3	4	3	4	3	4	3	4	3	4	3										
Rated current In(A)	6	10	16	20	32	40	50	100	125	200	225	400	500	630									
Rated insulation voltage Ui(V)	690				800																		
Rated impulse Withstand voltage Uimp(V)	6000				8000																		
Rated working Voltage Ue(V)	AC400/690																						
Class of breaking capacity	L	M	L	M	H	L	M	H	C	L	M	H	C	L	M	H							
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
Service short-circuit breaking capacity Icu (kA)(O-t-CO-t-CO)	400V	18	30	26	30	43	30	26	30	43	30	20	30	34	42	65	42	20	30	40	50	30	50
Flashover distance(mm)	50						100																

Moulded Case
Circuit Breaker

Outline and Mounting Size

