

M2 (HBM1) Moulded Case Circuit Breaker



1. Application

M2 series moulded case circuit breaker is one of products developed and manufactured by adopting international advanced technology. It is supplied with rated insulating voltage 800V and used for circuit of A.C. 50Hz, rated operating voltage AC 400V (or below), rated operating current up to 800A for infrequent changing over and starting of the motors. The products conform to IEC60947-2 standard.

2. Main technical parameter

Table 1

Type	Rated current (A)	Pole number	Rated insulating voltage (V)	Rated operating voltage (V)	Arcing-over distance (mm)	Ultimate short circuit breaking capacity (KA)	Services short circuit breaking capacity (KA)	Operation performance		Utilization category
								Load	Unload	
M2-63L	(6), 10, 16, 20, 25, 32, 40, 50, 63	3, 4	500V	400V	0	25	18	1500	8500	A
M2-63M					0	50	35			
M2-100L	(10), 16, 20, 25, 32, 40, 50, 63, 80, 100		0(≤ 50)		35	22				
M2-100M			0(≤ 50)		50	35				
M2-100H			0(≤ 50)		85	50				
M2-225L	100, 125, 160, 180, 200, 225		≤ 50		35	22	1000	7000		
M2-225M			≤ 50		50	35				
M2-225H			≤ 50		85	50	1000	4000		
M2-400L	225, 250, 315, 350, 400		≤ 50		50	35				
M2-400M			≤ 100		65	42				
M2-630L	400		≤ 100		50	35				
M2-630M	500		≤ 100		65	42				
M2-630H	630		≤ 100		100	65				
M2-800M	630, 700, 800		≤ 100		75	50				
M2-800H			≤ 100		100	65				
M2-1250M	1000, 1250		≤ 100		100	65				
M2-1250H			≤ 100		125	75				

Note: 6A no thermal protection

The N-pole of four-poles breaker is sified at the right side of the product has four types:

Type A: No current trip-lease on N pole which making all the time, not closing and opening with the other three poles.

Type B: No current trip-release on N pole which closing and opening with the other poles.

Type C: With current trip-release which closing and opening with the other three poles.

Type D: With current frip-release which making all the time not closing and opening with the other three poles.