

## JM1 Series MCCB

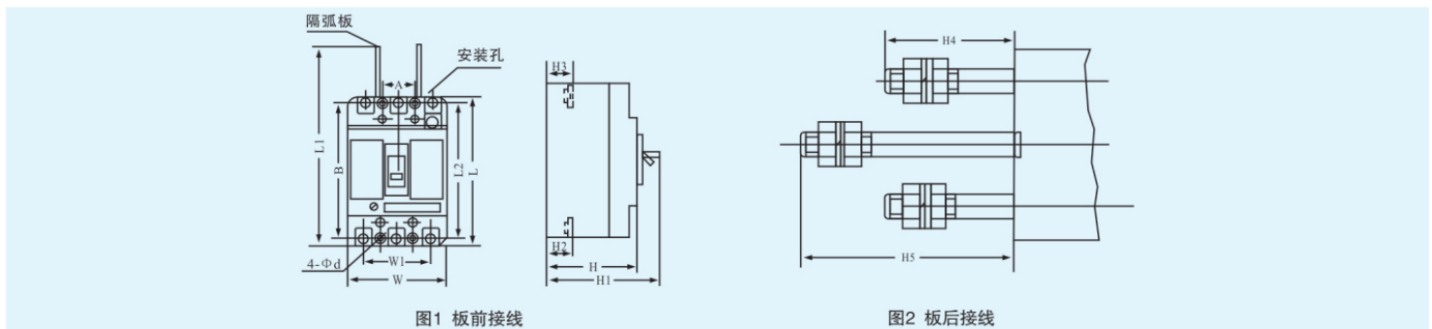
### 2、For protecting electric motors(Ambient temperature 40°C)

Test current name	Current multiplier	Appointed time		Initial state
		$10 \leq I_n \leq 225$	$225 < I_n \leq 800$	
Agree not to separate current	1.0			Cold state
Agreed separation current	1.2			Hot state
	1.5	<4min	<8min	Hot state
	7.2	$4s < T_p \leq 10s$	$6s < T_p \leq 20s$	Cold state

- The operating current of the electromagnetic separator used to protect the motor is  $12I_n \pm 20\%$  (A)
- When the external voltage of the separator is between 70% and 110% of the rated control power supply voltage, it can reliably disconnect the circuit breaker.
- When the power supply voltage drops to within the range of 70% to 35% of the rated working voltage of the deficient voltage separator, the deficient voltage separator can reliably disconnect the circuit breaker;

When the power supply voltage is lower than 35% of the rated working voltage of the undervoltage separator, the undervoltage separator can prevent the circuit breaker from closing; When the voltage is higher than 85% of the rated working voltage of the voltage separator, the lack of voltage separator can ensure the reliable closure of the circuit breaker.

### 5、Appearance and installation dimensions



Model	External dimensions											Installation dimensions		
	Front panel wiring									Backboard wiring				
	W	L	H	W1	L1	H1	H2	H3	L2	H4	H5	A	B	φD
JM1-63L	78	135	74	50	170	90.5	20	20	117	57	75	25	117	3.5
JM1-63M	78	135	82	50	170	98.5	28	28	117	57	75	25	117	3.5
JM1-100C	92	150	68	60	187	86	24	24	129	63	103	30	129	4.5
JM1-100L	92	150	68	60	187	86	24	24	129	63	103	30	129	4.5
JM1-100M	92	150	86	60	187	104	24	24	129	63	103	30	129	4.5
JM1-100H	92	150	86	60	187	104	24	24	129	63	103	30	129	4.5
JM1-225C	107	165	86	70	215	110	24	24	144	65	110	35	126	4.5
JM1-225L	107	165	86	70	215	110	24	24	144	65	110	35	126	4.5
JM1-225M	107	165	103	70	215	127	24	24	144	65	110	35	126	4.5
JM1-225H	107	165	103	70	215	127	24	24	144	65	110	35	126	4.5
JM1-400C	140	257	105	88	357	153	36.5	36.5	224	70	120	44	195	7
JM1-400L	140	257	105	88	357	153	36.5	36.5	224	70	120	44	195	7
JM1-400M	140	270	105	88	370	153	36.5	36.5	234	70	125	44	195	7
JM1-630	182	270	110	116	370	160	43	43	234	61	121	58	200	7
JM1-630C	182	270	110	116	370	160	43	43	234	61	121	58	200	7
JM1-630L	182	270	110	116	370	160	43	43	234	61	121	58	200	7
JM1-630M	210	280	107	140	380	142	33	33	296	96	96	70	243	7
JM1-800M	210	280	107	140	380	142	33	33	296	96	96	70	243	7
JM1-800H	210	280	107	140	380	142	33	33	296	96	96	70	243	7