

Manual motor starters

Quick selection table ... IEC rating



Frame			32AF																				
Type	Current adjustable type		MMS-32S								MMS-32H												
	Instantaneous type		-								MMS-32HI												
Breaking capacity			Standard								High breaking												
Handle Type			Toggle								Rotary												
Number of poles			3								3												
Rated operational voltage (Ue)			Up to 690V								Up to 690V												
Rated frequency			50/60 Hz								50/60 Hz												
Rated insulation voltage (Ui)			690V								690V												
Rated impulse voltage (Uimp)			6kV								6kV												
Utilization category	IEC 60 947-2 (Breaker)		Cat. A								Cat. A												
	IEC 60 947-4 (Motor starter)		AC 3								AC 3												
Mechanical endurance (Operating)			100,000								100,000												
Electrical endurance (Cycles)			100,000								100,000												
Max operating frequency per hour (Ope./h)			25								25												
Temperature compensation (Operation)			-20 ~ +60°C								-20 ~ +60°C												
Instantaneous short circuit release			13 × Ie max.								13 × Ie max.												
Overload protection			○								○												
Phase failure function			○								○												
Trip indicating function			×								×												
Test function			○								○												
Dimension(W×H×D)			45 × 105 × 54.4								45 × 105 × 60.3												
Weight (g)			320								360												
Rated breaking capacity (kA)	Rated operational current (Ie)	Thermal release Adjustment range (A)	220V 240V 230V		415V 400V		460V 440V		525V 500V		690V 600V		220V 240V 230V		415V 400V		460V 440V		525V 500V		690V 600V		
			Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	
	0.16	0.1~0.16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	0.25	0.16~0.25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	0.4	0.25~0.4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	0.63	0.4~0.63	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	1	0.63~1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	1.6	1~1.6	100	100	100	100	100	100	100	100	3	3	100	100	100	100	100	100	100	100	100	100	
	2.5	1.6~2.5	100	100	100	100	100	100	100	50	38	3	3	100	100	100	100	100	100	100	100	8	8
	4	2.5~4	100	100	100	100	50	38	15	11	3	3	100	100	100	100	100	100	100	100	100	8	8
	6	4~6	100	100	100	100	15	11	10	8	3	3	100	100	100	100	100	100	100	100	6	6	
	8	5~8	100	100	100	100	15	11	10	8	3	3	100	100	100	100	50	38	50	38	6	6	
	10	6~10	100	100	50	38	15	11	6	5	3	3	100	100	100	100	50	38	50	38	6	6	
	13	9~13	100	100	50	38	10	8	6	5	3	3	100	100	100	100	50	38	42	32	6	6	
	17	11~17	50	38	20	15	10	8	6	5	3	3	100	100	50	38	20	15	10	8	4	4	
	22	14~22	40	30	15	11	8	6	6	5	3	3	100	100	50	38	20	15	10	8	4	4	
26	18~26	40	30	15	11	8	6	6	5	3	3	100	100	50	38	20	15	10	8	4	4		
32	22~32	30	22	15	11	6	4	5	4	3	3	100	100	50	38	20	15	10	8	4	4		
40	28~40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50	34~50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
63	45~63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
75	55~75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
90	70~90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
100	80~100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

