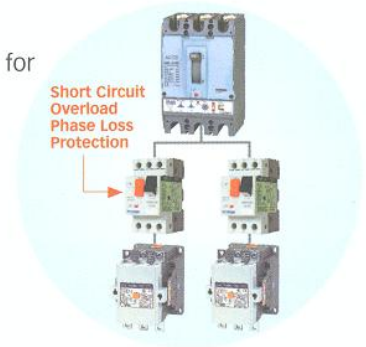


HYUNDAI Manual Motor Starter

Hyundai Manual Motor Starter, HMMS series, realizes the function of molded case circuit breaker and thermal overload relay in one module. It enables perfect protection for overload, phase loss, short circuit and infrequent start control of 3-phase motors.

HMMS series also can be used for the protection of distribution line as well as satisfied with the international standard IEC60947-2 and IEC60947-4-1.



Ratings

Model		HMMS-32K										HMMS-80K											
Rated Insulation Voltage (Ui)		AC690V										AC690V											
Rated Operation Voltage (Ue)		AC690V										AC690V											
Rated Impulse Withstand Voltage (Uimp)		6kV										6kV											
Electrical/Mechanical Lifetime		100,000 times										30,000 times											
Rated Current (A)	Setting Range (A)	Rated Breaking Capacity (kA)										Rated Current (A)	Setting Range (A)	Rated Breaking Capacity (kA)									
		AC230/240V		AC400/415V		AC440V		AC500V		AC690V				AC230/240V		AC400/415V		AC440V		AC500V		AC690V	
		Icu	Ics	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												
0.25	0.16-0.25	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	40	25-40	100	100	50	25	50	25	10	5	5	3
0.63	0.4-0.63	100	100	100	100	100	100	100	100	100	100												
1	0.63-1	100	100	100	100	100	100	100	100	100	100												
1.6	1-1.6	100	100	100	100	100	100	100	100	100	100												
2.5	1.6-2.5	100	100	100	100	100	100	100	100	100	3	2.25											
4	2.5-4	100	100	100	100	100	100	100	100	100	3	2.25											
6.3	4-6.3	100	100	100	100	50	50	50	50	3	2.25												
10	6-10	100	100	100	100	15	15	10	10	3	2.25												
14	9-14	100	100	15	7.5	8	4	6	4.5	3	2.25												
18	13-18	100	100	15	7.5	8	4	6	4.5	3	2.25												
23	17-23	50	50	15	6	6	3	4	3	3	2.25	80	56-80	100	100	15	7.5	10	6	4	4	2	2
25	20-25	50	50	15	6	6	3	4	3	3	2.25												
32	24-32	50	50	10	5	6	3	4	3	3	2.25												