



Hyundai HMMS



# Manual Motor Starter - HYUNDAI



Direct Importer:



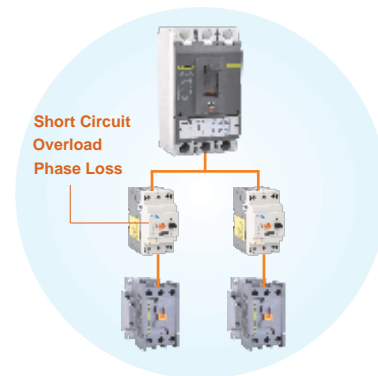
# Description



## HYUNDAI Manual Motor Starter

Hyundai Manual Motor Starter, HMMS series spełniaj rol 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 the protection of distribution line as well as satisfied with the international standard IEC60947-2 i IEC60947-4-1.

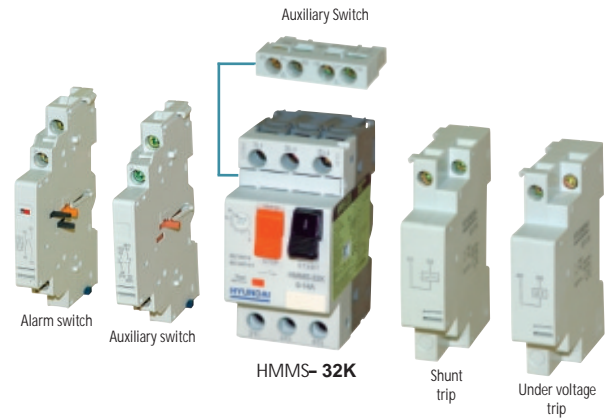


### Ratings

Model		HMMS - 32K										HMMS - 80K											
Rated installation 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		
0.16	0.1-0.16	100	100	100	100	100	100	100	100	100	100	40	25-40										
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												
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	63	40-63										
2.5	1.6-2.5	100	100	100	100	100	100	100	100	3	2,25												
4	2.5-4	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	80	56-80										
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												
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												

Accessories

Item	Order code	Specyfication	Monting	Application
Auxilliary Switch	HMMS32K AUX T11	1NO+1NC	Top side	HMMS-32K
	HMMS32K AUX S11	1NO+1NC	Left side	
	HMMS32K AUX S20	2NO	Left side	HMMS-80K
	HMMS80K AUX S11	1NO+1NC		
	HMMS80K AUX S20	2NO		
Alarm Switch	HMMS32K AXT 1010	1NO (Alarm), 1NO (AUX.)	Left side	HMMS-32K
	HMMS32K AXT 1001	1NO (Alarm), 1NC (AUX.)		
	HMMS32K AXT 0110	1NC (Alarm), 1NO (AUX.)		
	HMMS32K AXT 0101	1NC (Alarm), 1NC (AUX.)		
Shunt Trip	HMMS32K SHT 240	AC230/240V	Right side	HMMS-32K
Under voltage trip	HMMS32K UVT 240	AC230/240V		



Application for 3 - phase Motors, AC-3

Rated Current (A)	Setting Range (A)	3-Phase [kW] (50/60Hz)					
		230/240V	400V	415V	440V	500V	690V
0.16	0.1 -0.16	-	-	-	-	-	-
0.25	0.16 -0.25	-	0.06	0.06	-	-	-
0.4	0.25 -0.4	-	0.09	0.09	-	-	-
0.63	0.4 -0.63	-	0.12	0.12	0.2	0.25	0.37
1	0.63 -1	-	0.25	0.25	0.5	0.5	0.55
1.6	1 -1.6	-	0.37	0.37	0.55	0.75	1.1
2.5	1.6 -2.5	0.5	0.75	0.75	1.1	1.1	1.5
4	2.5 -4	0.5	1.5	1.5	2	2.2	3
6.3	4 -6.3	1.1	2.2	2.2	3	3.7	4
10	6 -10	2.2	4	4	5	5.5	7.5
14	9 -14	3	5.5	5.5	7.5	7.5	9
18	13 -18	5	7.5	7.5	9	9	15
23	17 -23	6.5	11	11	11	11	18.5
25	20 -25	6.5	11	11	15	15	18.5
32	24 -32	10	15	15	18.5	20	22
40	25 -40	10	20	20	25	30	30
63	40 -63	20	30	35	40	50	60
80	56 -80	25	35	40	50	55	60

Order Information

Code	Rated Current Setting Range (A)	Unit	Category
HMMS32K 0P16	0.1 -0.16	pcs	1 -HY -07
HMMS32K 0P25	0.16 -0.25		
HMMS32K 0P40	0.25 -0.4		
HMMS32K 0P63	0.4 -0.63		
HMMS32K 01P0	0.63 -1		
HMMS32K 01P6	1 -1.6		
HMMS32K 02P5	1.6 -2.5		
HMMS32K 04P0	2.5 -4		
HMMS32K 06P3	4 -6.3		
HMMS32K 0010	6 -10		
HMMS32K 0014	9 -14		
HMMS32K 0018	13 -18		
HMMS32K 0023	17 -23		
HMMS32K 0025	20 -25		
HMMS32K 0032	24 -32		
HMMS80K 0040	25 -40		
HMMS80K 0063	40 -63		
HMMS80K 0080	56 -80		

Dimension

(Unit.: mm)

