

HYUNDAI *HG-SERIES* Molded Case Circuit Breaker



- ▶ **Maximum breaking capacity 16kA ~ 100kA at AC380V**
- ▶ **Various Product Range 30 - 800AF**
- ▶ **Ics = 100 % Icu, Ui = 1000V, Uimp = 8kV**
- ▶ **Adjustable Rated Currents**
 - 30 - 250AF(0.8 - 0.9 - 1 * In), 400 - 800AF(0.63 - 0.8 - 1 * In)
- ▶ **Type-tested by DEKRA, KERI**
- ▶ **Easy Installation 30 to 250AF(68mm), 400-800AF(110mm)**
- ▶ **Various accessories**
 - **Signal:** auxiliary switch, trip alarm switch, shunt trip, under voltage trip
 - **Operating:** operating handle, motor operator, mechanical interlock, extension handle
 - **Mounting:** DIN-rail adaptor, mounting base for plug-in mounting
 - **Terminal:** terminal bus bar, cage terminal block, terminal cover, interpole barrier

HG series MCCB selection table and compatibility with U-Series MCCB

HGM type / 30-800AF

Ampere frame	Model	Breaking capacity [Icu] (kA r.m.s.)					Dimensions (3P, mm)			Model	Breaking capacity [Icu] (kA r.m.s.)			Dimensions (3P, mm)		
		AC220V AC240V	AC380V AC415V	AC440V AC460V	Thermal magnetic		W	H	D		AC220V AC240V	AC380V AC415V	AC440V AC460V	W	H	D
					Fixed	Adjustable										
30	HGM30E	35	16	16	○	○	75	130	68	UAB30C	10	7.5/5	5	75	130	60
	HGM30S	50	20	20	○	○				UAB30R	25	14/10	10			
50	HGM50E	35	16	16	○	○	75	130	68	UAB50C	10	7.5/5	5	75	130	60
	HGM50S	50	20	20	○	○				UAB50R	25	14/10	10			
	HGM50H	85	38	38	○	○	90	155	68	UAB50S	42	25	21			
	HGM50L	100	55	55	○	○				UAB50H	50	30	25			
60	HGM60E	35	16	16	○	○	75	130	68	UAB60C	10	7.5/5	5	75	130	60
	HGM60S	50	20	20	○	○				UAB60R	25	14/10	10			
	HGM60H	50	26	26	○	○	75	130	68							
	HGM60L	50	30	30	○	○										
100	HGM100E	35	16	16	○	○	75	130	68	UAB100C	25	14/10	10	90	155	60
	HGM100S	50	20	20	○	○				UAB100R	42	25	21			
	HGM100H	50	26	26	○	○	90	155	68	UCB50R	50	30/25	25			
	HGM100L	50	30	30	○	○				UCB50H	85	42	42			
50	HGM50H	50	26	26	○	○	90	155	68	UCB50L	100	50	50	90	155	60
	HGM50L	50	30	30	○	○										
100	HGM100H	50	26	26	○	○	75	130	68	UCB100R	50	30/25	25	90	155	60
	HGM100L	50	30	30	○	○				UCB100S	65	42/36	35			

