



HM6-160S



HM6-250S

2P 3P 4P

Application

HM6, HM6LY, HM6RT, HM6E and HM6EL series of circuit breakers are new upgraded circuit breakers researched and developed by the company combined with the advantages of similar international products and demand of domestic and international markets.

With insulation voltage up to 1000V, the circuit breaker is applicable for distribution systems of AC50Hz, rated working voltage 690V and rated working current from 10A to 800A, used to distribute electric power energy, protect circuits and power equipment against overload, short circuit, undervoltage and so on, also can be used for infrequent startup of motor and protect it from overload, short circuit or undervoltage. It is featured with small size, high breaking, short flashover, etc., is the ideal product for users. It can be vertically installed or horizontally installed. STM6DC series DC moulded-case circuit breaker (hereinafter referred to as circuit breaker) is suitable for DC systems of rated voltage up to and including DC 1000V and rated current 10~800A, used to distribute electric power energy, protect circuits and power equipment against overload, short circuit and so on. The products can be fed with wires from top and bottom, and it is polarity-free. It complies with the standards IEC60947-2, GB14048.2, etc.

Main performance indexes

Frame current(A)		125			160			250		
Model		HM6-125S		HM6-125H	HM6-160S	HM6-160M	HM6-160H	HM6-250S	HM6-250M	HM6-250H
Pole number		2,3,4			2,3,4			3,4		
Rated current(A)		10,16,20,32,40,50,63,80,100,125			10,16,20,32,40,50,63,80,100,125,140,160			100,125,140,160,180,200,225,250		
Rated voltage(V)		AC400V			AC400V			AC400V		
Rated insulation voltage(V)		AC1000V			AC1000V			AC1000V		
Short-circuit breaking capacity(kA)Icu/Ics	AC 400V	25/15	36/18		35/2550/3550/35			35/2565/4265/65		
Operating cycle number	ON	6000			3000			3000		
	OFF	9000			7000			7000		
Outline dim.(mm) a-b-c-ca	2P	50-130-68-90			60-155-68-90	60-155-68-90	60-155-88-115	-		-
	3P	75-130-68-90			90-155-68-90	90-155-68-90	90-155-88-115	105-165-68-92		105-165-88-115
	4P	100-130-68-90			120-155-68-90	120-155-68-90	120-155-88-115	140-165-68-92		140-165-88-115
		2P	0.5	0.55	1.0		1.1	-		
Wight(kg)	3P	0.55	0.65		1.1		1.2	1.5		
	4P	0.65	0.8		1.4		1.5	1.9		
Electric operating device(MD)		•			•			•		
External driving operating handle		•			•			•		
Automatic release		Thermal electromagnetic type			Thermal electromagnetic type			Thermal electromagnetic type		



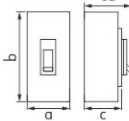
HM6-160H



HM6-250H

2P 3P 4P

► Main performance indexes

Frame current (A)		400			630			800			1250				
Model		HM6-400S	HM6-400M	HM6-400H	HM6-630S	HM6-630M	HM6-630H	HM6-800S	HM6-800M	HM6-800H	HM6-1250S	HM6-1250M	HM6-1250H		
Pole number		3, 4			3, 4			3, 4			3, 4				
Rated current (A)		250, 315, 350, 400, 500, 630			250, 315, 350, 400, 500, 630			500,630,700, 800			500,630,700, 800				
Rated voltage (V)		AC400V			AC400V			AC400V			AC400V				
Rated insulation voltage (V)		AC1000V			AC1000V			AC1000V			AC1000V				
Short-circuit breaking AC capacity (KA) Icu/Ics 400V		50/35	65/65	85/50				50/35	65/42	70/70	50/35	65/42	70/70		
Operating cycle number	ON	2000			2000			1500			1500				
	OFF	4000			4000			4000			4000				
Outline dim. (mm) a-b-c-ca		3P			140-257-103-155			140-257-103-155			210-275-103-155			210-275-103-155	
		4P			184-257-103-155			184-257-103-155			280-257-103-155			280-257-103-155	
Wight (kg)	3P	5.5			5.7			9.5			9.5				
	4P	7.0			7.5			12. 5			12. 5				
Electric operating device (MD)		●			●			●			●				
External driving operating handle		●			●			●			●				
Automatic release		Thermal electromagnetic type			Thermal electromagnetic type			Thermal electromagnetic type			Thermal electromagnetic type				