

Model Selection Table

Magnetic Contactors: 9 - 100 AF



Model			HGC9	HGC12	HGC18	HGC25	HGC32	HGC40		
IEC 60947-4	Rated Insulation Voltage [U _i]		V	750	750	750	750	750		
	Rated Operational Voltage [U _e]		V	690	690	690	690	690		
	Rated Impulse Withstand Voltage [U _{imp}]		kV	6	6	6	6	6		
	Rated Thermal Current [I _{th}] (AC1)		A	25	25	40	45	55	60	
	AC3	200 - 240 V		kW/A	2.5/9	3.5/12	4.5/18	5.5/25	7.5/32	11/40
		380 - 440 V			4/9	5.5/12	7.5/18	11/25	15/32	18.5/40
		500 - 550 V			4/7	7.5/12	8.5/13	15/22	18.5/28	22/32
		660 - 690 V			4/6	7.5/9	7.5/9	15/17	18.5/20	22/23
		1,000 V			-	-	-	-	-	-
	Lifetime	Electrical	10,000 Times	250	250	250	250	200	200	
				Mechanical	1,500	1,500	1,500	1,500	1,500	1,500
	AC4	200 - 240 V			kW/A	1.5/8	2.2/11	3.7/16	3.7/18	4.5/22
380 - 440 V		2.2/6	4/9	4/11		5.5/13	7.5/17	11/24		
Electrical Lifetime		10,000 Times	3	3		3	3	3	3	
Mounting Method			Screw & DIN-Rail			Screw & DIN-Rail				
Contacts	Main	AC		1NO1NC or 2NO2NC			1NO1NC or 2NO2NC			
		DC		1NO1NC or 2NO2NC			1NO1NC or 2NO2NC			
	Auxilliary	AC		2NO2NC			2NO2NC			
		DC		2NO2NC			2NO2NC			
Dimensions	AC	W x H x D	mm	45 x 94.2 x 91.1			45 x 99.6 x 96.6			
	DC			45 x 94.2 x 124			45 x 99.6 x 129.5			

Model			HGC50	HGC65	HGC75	HGC85	HGC100		
IEC 60947	Rated Insulation Voltage [U _i]		V	1,000	1,000	1,000	1,000	1,000	
	Rated Operational Voltage [U _e]		V	690	690	690	690	690	
	Rated Impulse Withstand Voltage [U _{imp}]		kV	8	8	8	8	8	
	Rated Thermal Current [I _{th}] (AC1)		A	70	85	115	125	145	
	AC3	200 - 240 V		kW/A	15/50	18.5/65	22/75	25/85	30/100
		380 - 440 V			22/50	30/65	37/75	45/85	55/100
		500 - 550 V			30/43	33/60	37/64	50/75	55/85
		660 - 690 V			30/28	33/35	37/42	45/45	50/65
		1,000 V			-	-	-	-	-
	Lifetime	Electrical	10,000 Times	200	200	200	200	200	
				Mechanical	1,500	1,500	1,000	1,000	1,000
	AC4	200 - 240 V			kW/A	7.5/35	11/50	13/55	15/65
380 - 440 V		15/32	22/47	25/52		30/62	33/68		
Electrical Lifetime		10,000 Times	3	3		3	3	3	
Mounting Method			Screw & DIN-Rail			Screw & DIN-Rail			
Contacts	Main	AC		1NO1NC or 2NO2NC			1NO1NC or 2NO2NC		
		DC		2NO1NC			2NO1NC		
	Auxilliary	AC		2NO2NC			2NO2NC		
		DC		1NO1NC			1NO1NC		
Dimensions	AC	W x H x D	mm	55 x 123.6 x 129			70 x 146 x 153		
	DC			55 x 123.6 x 129			70 x 146 x 153		