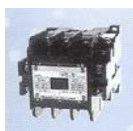


MAGNETIC STARTERS AND CONTACTORS

RATINGS AND SPECIFICATIONS

Standard Models (H50,H65C,H80C,H100C,H125C,H150C)

Item		Frame	50	65C	80C	100C	125C	150C	
Type	Electromagnetic contactor without enclosure	Non-reversible	H50	H65C	H80C	H100C	H125C	H150C	
		Reversible	H50-R	H65C-R	H80C-R	H100C-R	H125C-R	H150C-R	
	Electromagnetic starter	Without enclosure	Non-reversible	H50-T	H65C-T	H80C-T	H100C-T	H125C-T	H150C-T
			Reversible	H50-RT	H65C-RT	H80C-RT	H100C-RT	H125C-RT	H150C-RT
		Without enclosure	Non-reversible	SH50-T	SH65C-T	SH80C-T	SH100C-T	SH125C-T	SH150C-R
			Reversible	SH50-RT	SH65C-RT	SH80C-RT	SH100C-RT	SH125C-RT	SH125C-RT
Thermal overload relay			TR50B-1E	TR80B-1E		TR150E-1E			
Rated Insulation Voltage			AC 600 V						
Max. rated capacity of motor	JIS and JEM	Rated operational current (A) AC3	200~220V	50(48)	65	80	100	125	150
			380~440V	47	65	80	100	125	150
			500~550V	37	52	72	72	72	80
		Three-phase motor (kW) AC3 and AC2	200~220V	11	15	19	25	30	37
			380~440V	22	30	37	50	60	75
			500~550V	22	30	45	45	45	55
	IEC 60947-4-1	Rated operational current (A) AC3	200~240V	52(48)	65	80	105	126	150
			380~440V	47	65	80	100	125	150
			500~550V	37	52	72	72	72	80
		Three-phase motor (kW) AC3	220~240V	15(11)	18.5	22	30	37	45
			380~440V	22	30	37	50	60	75
			500~550V	22	30	45	45	45	55
Single-phase motor (kw) AC3 JIS, JEM and IEC		100~110V	-	-	-	-	-	-	
		200~220V	-	-	-	-	-	-	
Inching (kw) AC4 (Inching ratio 50%, electrical life 0.1 million times) JIS,JEM and IEC		200~240V	7.5	9	13	13	15	22	
		380~440V	11	15	19	19	22	30	
Rated capacity for resistance load (A) AC1 (Electrical life 0.5 million times) JIS,JEM and IEC		200~240V	70	80	120	135	150	200	
		380~440V	70	80	120	135	150	200	
Rated thermal current (I th) A		Without enclosure	70	80	120	135	150	200	
		With enclosure	60	65	80	105	125	150	
Characteristics of operation coil	Coil burden (max.) (V.A) 50/60 Hz		Pick-up	165/150	220/190	490/420			400/400
			Hold-in	16/12	18/14	50/40			8/8
			Coil consumption (W) (Mean)		4.5	6	9.5		
	Pick-up voltage (% of rated voltage) (Mean)		73	75	75			70	
	Drop-out voltage (% of rated voltage) (Mean)		53	58	58			45	
	Operating time (ms) (reference value)		Pick-up	10~20	10~20	10~25			30~50
Drop-out			10~25	10~30	10~30			20~40	
Auxiliary contact specification	Number		Standard	2NO2NC					
			Maximum	4NO4NC (3NO3NC...Reversible)					
	Rated operational current (A)		200~240V	2 (Twin contact)					
			380~440V	1 (Twin contact)					
Rated thermal current (A)		10 (Twin contact)							
Application	With mechanical interlock		○	○	○	○	○	○	
	With 2E thermal overload relay		○	○	○	○	○	○	
	With three-element thermal overload relay		○	○	○	○	○	○	
	With latch		○	○	○	○	○	○	
	DC operation		○	○	○	○	○	○	
	DIN rail mounting		○	-	-	-	-	-	



H50



H65C-T



H80C



H100C-T, H125C-T



H150C-T