

HDC17-K Mini AC Contactor

Standard: IEC 60947-4-1

Function

HDC17-K AC contactor provide:

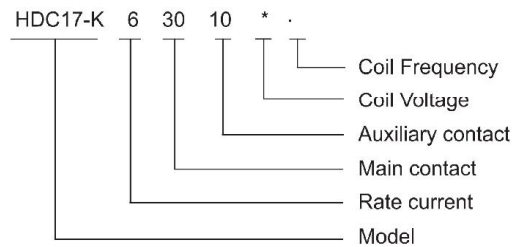
- Remote make & break of circuits
- Frequent start and stop of motors

Order Information



Motor P(kW) 380V	Rated current(A)	Main contact		Auxiliary contact		Reference
		NO	NC	NO	NC	
2.2	6	3	0	1	0	HDC17K63010*
		3	0	0	1	HDC17K63001*
		4	0	0	0	HDC17K64000*
		2	2	0	0	HDC17K62200*
4	9	3	0	1	0	HDC17K93010*
		3	0	0	1	HDC17K93001*
		4	0	0	0	HDC17K94000*
		2	2	0	0	HDC17K92200*
4	12	3	0	1	0	HDC17K123010*
		3	0	0	1	HDC17K123001*
		4	0	0	0	HDC17K124000*

Reference Description



■ Coil voltage code

coil voltage	24V	36V	110V	127V	220V	380V	400V
*	B	C	F	S	M	Q	V

■ Coil frequency code

coil frequency	50Hz	60Hz
.	5	6

Motor Control & Protection

HDC17-K Mini AC Contactor

Standard: IEC 60947-4-1

Technical Data

Model			HDC17-K06	HDC17-K09	HDC17-K12
Main circuit characteristics					
Rated operational current	380V/400V, AC-3	A	6	9	12
	380V/400V, AC-4	A	2.6	3.5	5
	660V/690V, AC-3	A	3.5	5	6
	660V/690V, AC-4	A	1.2	1.5	2
Rated operational voltage	V		220/230, 380/400, 660/690		
Rated insulation voltage	V		690		
Rated conventional thermal current	A		16	20	
Pole			3, 4		
Power of controlled 3-phase cage motor	220V/230V, AC-3	kW	1.5	2.2	3
	380V/400V, AC-3	kW	2.2	4	5.5
	660V/690V, AC-3	kW	3	4	7.5
Electric durabilities	AC-3	× 10 ⁴ operations	100		
Operating rate	cycles/h		1200		
Electric durabilities	AC-4	× 10 ⁴ operations	20		
Operating rate	cycles/h		600		
Mechanical durabilities	× 10 ⁴ cycles		1000		
Matched Fuse			HRT16-16	HRT16-20	
Cable connection	Inflexible cable	number of piece	2		
	Cross Section of Cable	mm ²	4		
Coil					
Coil voltage(Us)	V		AC 24,36,110,127,220,380,400		
Operational voltage	V		85%~110% Us		
Drop-out voltage	V		20%~75% Us		
Inrush	VA		30		
Sealed	VA		4.5		
Auxiliary contact					
Rated conventional thermal current	V		690		
Rated insulation voltage	A		10		
Rated operational current	380V, AC-15	A	0.95		
	220V, DC-13	A	0.15		
Control capacity	AC-15	VA	360		
	DC-13	W	33		

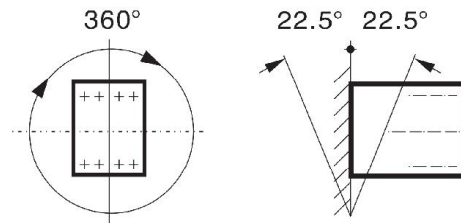
HDC17-K Mini AC Contactor

Standard: IEC 60947-4-1

Working Conditions

- Ambient temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$, the daily average temperature $\leq 35^{\circ}\text{C}$
- Altitude: ≤ 2000 m
- Humidity: Maximum temperature is $+40^{\circ}\text{C}$, air relative humidity of not more than 50%, at a lower temperature allows a higher relative humidity. For example, 20°C , when up to 90%, and occasionally due to temperature changes resulting from Gel should take special measures
- Pollution Level: 3
- Installation Type: III
- Installation position: should be installed in the absence of a significant shake and shock and vibration place

Install Location



Overall Dimensions

Unit: mm

