

HDC9 Capacitor Switching Contactor

Standard: IEC 60947-4-1 IEC 60947-5-1

Function

HDC9 capacitor switching contactor provide:

- Switch three-phase unipolar or multipolar capacitor group,to improve their power factor
- Reduce the current closing of the impact of capacitor

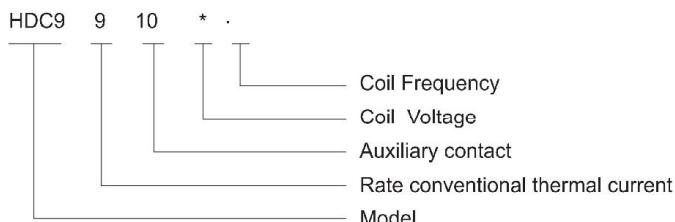
Order Information



Rate conventional thermal current`	Auxiliary contact		Reference
	NO	NC	
25	1	1	HDC92511*-.
	2	0	HDC92520*.
	0	2	HDC92502*.
32	1	1	HDC93211*.
	2	0	HDC93220*.
	0	2	HDC93202*.
43	1	1	HDC94311*.
	2	0	HDC94320*.
	0	2	HDC94302*.
63	1	2	HDC96312*.
	2	1	HDC96321*.
95	1	2	HDC99512*.
	2	1	HDC99521*.



Reference Description



■ Coil voltage code

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

■ Coil frequency code

coil frequency	50Hz	60Hz
.	5	6

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Technical Data

Model		HDC9-25	HDC9-32	HDC9-43	HDC9-63	HDC9-95
Main circuit						
Rated operational voltage	V	400			400	
Rated insulation voltage	V	500				
Controlled capacitor rate capacity 400V, AC-6b	A	17	23	29	43	63
Controlled capacitor rate capacity 230V, AC-6b	Kvar	6	9	10	15	22.5
	400V, AC-6b	Kvar	12	18	20	30
Rate conventional thermal current	A	25	32	43	63	95
Control inrush current capacity		≤20In				
Mechanical life	× 10 ⁴ operations	100				
Electric life	400V, AC-6b	× 10 ⁴ operations	10			
Operating frequency	400V, AC-6b	operations/h	300		120	
Cable connection cross section of copper conductor	mm ²	4				
Coil						
Coil voltage(Us)	V	AC36,110,127,220,380,400				
Operational voltage	V	85%~110%Us				
Drop-out voltage	V	20%~75%Us				
Auxiliary contact						
Rate conventional thermal current	A	10				
Minimum load can be connected		6V × 10mA				

Working Conditions

- Ambient temperature: -5°C ~ +40°C, the daily average temperature ≤ 35°C
- Altitude: ≤ 2000 m
- Humidity: Maximum temperature is +40°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

