

# HDC9 Capacitor Switching Contactor

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

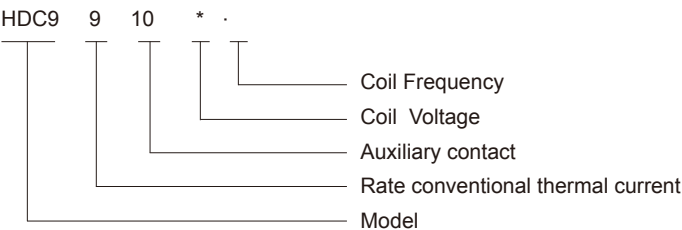
## Function

- 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

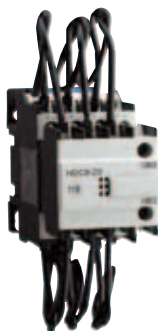


#### ■ Coil voltage code

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	45
Rate conventional thermal current	A		25	32	43	63	95
Control inrush current capacity			≤20In				
Mechanical life	× 10 <sup>4</sup> operations		100				
Electric life	400V, AC-6b	× 10 <sup>4</sup> operations	10				
Operating frequency	400V, AC-6b	operations/h	300				120
Cable connection cross section of copper conductor	mm <sup>2</sup>		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℃~+40℃, the daily average temperature  $\leq 35^\circ\text{C}$
- Altitude:  $\leq 2000$  m
- Humidity: Maximum temperature is +40℃, air relative humidity of not more than 50%, at a lower temperature allows a higher relative humidity. For example, 20℃, 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

