

## Product Overview

### Definite Purpose Contactor



**HDC19s 518**  
Current: 25-115A  
Poles: 3P  
Application:  
Power factor correction

### Contactors Relay



**HDZ3 523**  
Contact:  
22,31,40,13,04  
Application:  
AC24-440V

### Control Relay



**HDZ9 527**  
Contact:  
2Z, 3Z, 4Z  
Coil Voltage:  
AC6-380V  
DC6-220V



**HJSZ3 531**  
Rated working voltage:  
120V, 240V, 400V  
Relay Time: 0.05s-24h



**HXJ9 534**  
Voltage: 380V, 400V

### Motor Protector



**HDP6 535**  
Frame Current: 32A  
Setting Current: 0.1-32A

### Magnetic Starter



**HDS6 542**  
Frame Current: 32,95  
Setting Current: 1-95A

## HDC19s Capacitor Switching Contactor

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

### Function

The new HDC 19s capacitor switching contactor is developed based on new 3 series contactor, and adopts automatic production line. It provides:

- Switch single or multiple 3-phase capacitors to improve their power factor
- Reduce the closing current impact of capacitors
- Current range covers 25A to 115A, and the maximum controlled capacity is 60kvar

### Order Information

Model	Rated conventional thermal current	Auxiliary contact	Coil voltage	Frequency
HDC19s	25	11	M	5
	25: 25 32: 32 ... 115: 115	11: 1NO+1NC 20: 2NO+0NC ... 21: 2NO+1NC	F: 110V S: 127V M: 220/230V U: 240V Q: 380/400V L: 415V X: 440V	5: 50Hz 7: 50/60Hz

Model	Auxiliary contact		Reference
	NO	NC	Ith(A)
HDC19s-25	1	1	HDC19s 25 11 *
	2	0	HDC19s 25 20 *
	0	2	HDC19s 25 02 *
HDC19s-32	1	1	HDC19s 32 11 *
	2	0	HDC19s 32 20 *
	0	2	HDC19s 32 02 *
HDC19s-43	1	1	HDC19s 43 11 *
	2	0	HDC19s 43 20 *
	0	2	HDC19s 43 02 *
HDC19s-63	1	2	HDC19s 63 12 *
	2	1	HDC19s 63 21 *
HDC19s-95	1	2	HDC19s 95 12 *
	2	1	HDC19s 95 21 *
HDC19s-115	1	2	HDC19s 115 12 *
	2	1	HDC19s 115 21 *

Note: This product is 3 poles. The "\*" and "." mean coil voltage and coil frequency.

### Coil voltage code

Coil Voltage	110	127	220/230	240	380/400	415	440
50Hz	F5	S5	M5	U5	Q5	L5	X5
50/60Hz	F7	S7	M7	U7	Q7	L7	X7

# HDC19s Capacitor Switching Contactor

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

## Technical Data



Model			HDC19s-25	HDC19s-32	HDC19s-43	HDC19s-63	HDC19s-95	HDC19s-115
Main Circuit								
Rated Operating Voltage (Ue)		V	380/400					
Rated Insulation Voltage (Ui)		V	690					
Rated Current of Controlled Capacitor	AC-6b 380V	A	17	29	36	43	72	87
Rated Capacity of Controlled Capacitor (Qn)	AC-6b 220V	kvar	6	10	15	18	30	35
	AC-6b 380V	kvar	12	20	25	30	50	60
Rated Conventional Thermal Current		A	25	32	43	63	95	125
Controlled Inrush Current		A	≤35In			≤55In		
Mechanical Endurance		× 10 <sup>4</sup> operations	100					
Electrical Endurance		AC-6b 380V × 10 <sup>4</sup> operations	15	12				
Operating Frequency		AC-6b 380V operations/h	300	120				

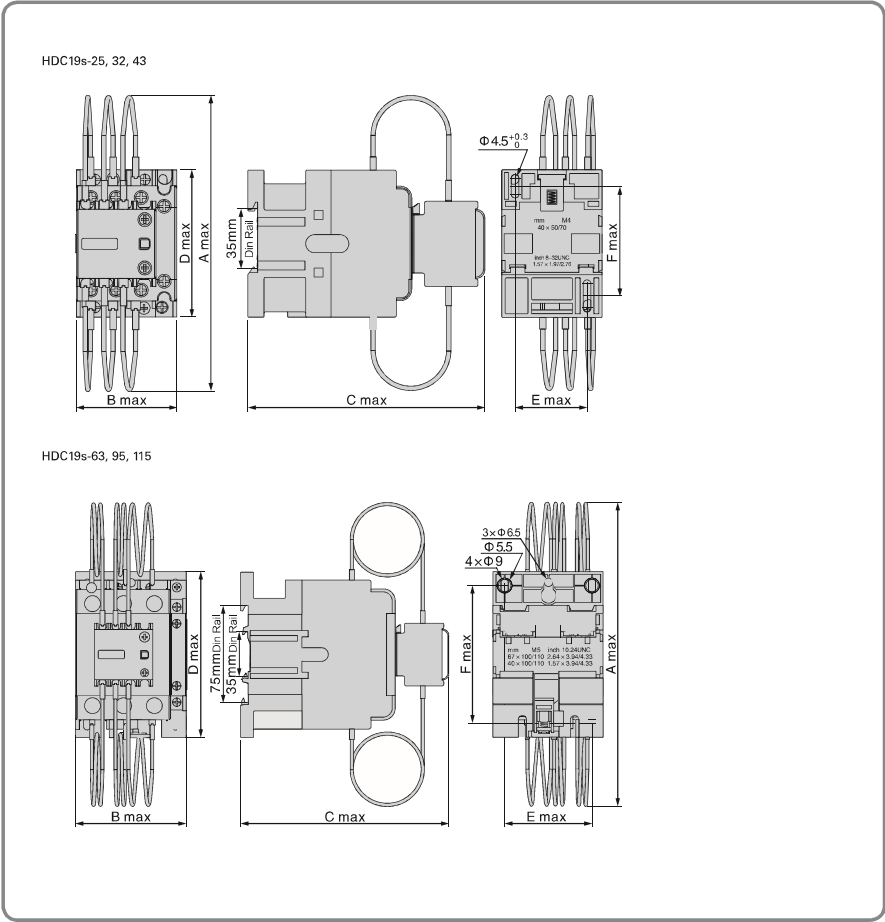
Coil			
Coil Voltage (Us)	V	24V, 36V, 48V, 110, 127, 220/230, 240, 380/400, 415, 440	
Coil Frequency	Hz	AC 50Hz & 50/60Hz	
Operating Voltage	V	85%~110%Us	
Drop-out Voltage	V	20%~75%Us	

Auxiliary Contact			
Auxiliary Contact Combination		11, 20, 02	12, 21
Rated Conventional Thermal Current (Ith)	A	10	
Minimum Load can be connected		6V×10mA	

# HDC19s Capacitor Switching Contactor

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

## Overall and installation Dimensions



HDC19s Capacitor Switching Contactor

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Overall and installation Dimensions

Model	Overall size				Installation dimension	
	Amax	Bmax	Cmax	Dmax	Emax	Fmax
HDC19s-25	176	45.5	122	74.5	35	50/60
HDC19s-32	180	56.5	132	83	40	50/60
HDC19s-43	180	56.5	132	83	40	50/60
HDC19s-63	190	74.5	154	127.5	59	100/110
HDC19s-95	190	85.5	160	127.5	67	100/110
HDC19s-115	190	85.5	160	127.5	67	100/110

Working Conditions

- Ambient temperature: -5°C ~ +40°C, and the daily average temperature: ≤ 35°C
- Altitude: ≤ 2000 m
- The atmospheric relative humidity does not exceed 50% when the highest ambient temperature is +40°C. It is allowed to have a relative higher humidity under lower temperature, e.g. up to 90% at +20°C. For occasional dew due to the temperature change, preventive measures shall be taken.
- Pollution Level: 3

HDC19s Capacitor Switching Contactor

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Installation Conditions

- Installation Type: III
- Installation position: should be installed in the absence of a significant shock and vibration point

