

>> **Modular DIN Rail**



YCB6H-63
Miniature Circuit Breaker

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YCB6HLN-63
Residual Current Circuit Breaker with Over Current Protection

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YCB6HLE-63
Residual Current Circuit Breaker with Over Current Protection

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YCB6N-32
Miniature Circuit Breaker DPN

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YCB1-125
Miniature Circuit Breaker

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YCH6Z-125
Isolating Switch

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YCB9-80M
Miniature Circuit Breaker

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YCB9N-40
Miniature Circuit Breaker DPN

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YCB9NL-40
Residual Current Circuit Breaker with Over Current Protection

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YCB9LE-80M
Earth Leakage Circuit Breaker

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YCB9RL-100
Residual Current Circuit Breaker

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YCB9-125
Miniature Circuit Breaker

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YCH9-125
Disconnecter

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YCS6-B
Surge Protection Device

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YCS6-C
Surge Protection Device

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YCS6-D
Surge Protection Device

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>> **Modular DIN Rail**



YCCH6 & YCCH7
AC Contactors

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Busbar

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YCX1
Surface Mount Distribution Box

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YCX2
Flush Mount Distribution Box

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YCX3
Surface Mount Distribution Box

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A

A

B

B

C

C

General

YCS6-D series Surge Protection Device is suitable for TT, IT, TN-S, TN-C and TN-C-S, the power supply system with the rated voltage up to 230/400V and AC 50/60Hz. Its design corresponds to IEC61643-1. The product is usually installed in the incoming line low voltage distribution box of the building, and it can release 20kA lightning stroke current.

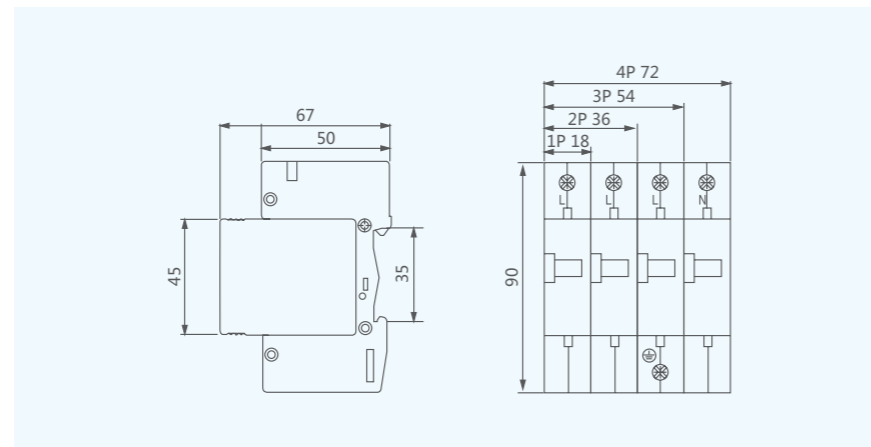
The lightning current SPD protection with protection level: III is applied to the Equipotential bonding when the lightning strike. YCS6-D Device should be installed in the boundary of LPZ1, LPZ2 and LPZn, usually in front of the residential distribution box, computer center, informational equipment, electronic equipment and controlling equipment or in the nearest socket box.



Specifications

Parameters	Product Model	YCS6-D			
		220V	380V	220V	380V
Rated Operating Voltage Uc(V~)		220V	380V	220V	380V
Maximum Continuous Operating Voltage Uc(V~)		275V	385V	275V	385V
Voltage Protection Level Up(V~)kV		≤0.7	≤1.0	≤1.2	≤1.5
Nominal Discharge Current In(8/20μs)kA		5		10	
Maximum Discharge Current Imax(8/20μs)kA		10		20	
Response Time ns		< 25			
Test Standard		IEC61643-1			
L/N(mm ²)The Cross Section of L/N Line		2.5			
PE(mm ²)The Cross Section of PE Line		6			
Fuse or Switch(A)		10A, 16A		16A, 25A	
Operating Environment°C		-40°C~+85°C			
Relative Humidity(25°C)		≤95%			
Installation		Standard Rail 35mm			

Overall and mounting dimensions(mm)



General

1. YCCH6/YCCH7 series AC contactor (hereinafter referred to as the household appliances control a contactor) is used for remote switch on and off without a sense of feeling or low load, resistance furnace, household appliances and similar low load, motor and other household.

2. The main contactor is used in AC 50Hz/60Hz, rated voltage to 400V, rated current of power system to 100A, AC-1, AC-7a (in no sense or sense of low load, resistance furnace, household appliances and similar low load) categories, long distance switch and control circuit.

3. Contactor is not used for breaking short circuit current, so it is necessary to choose suitable short circuit protection electrical equipment.



YCCH6-25/40
(Automatic style)



YCCH6-63/40
(Automatic style)



YCCH7-63/20
(Manual style)



YCCH7-63/40
(Manual style)

Specifications

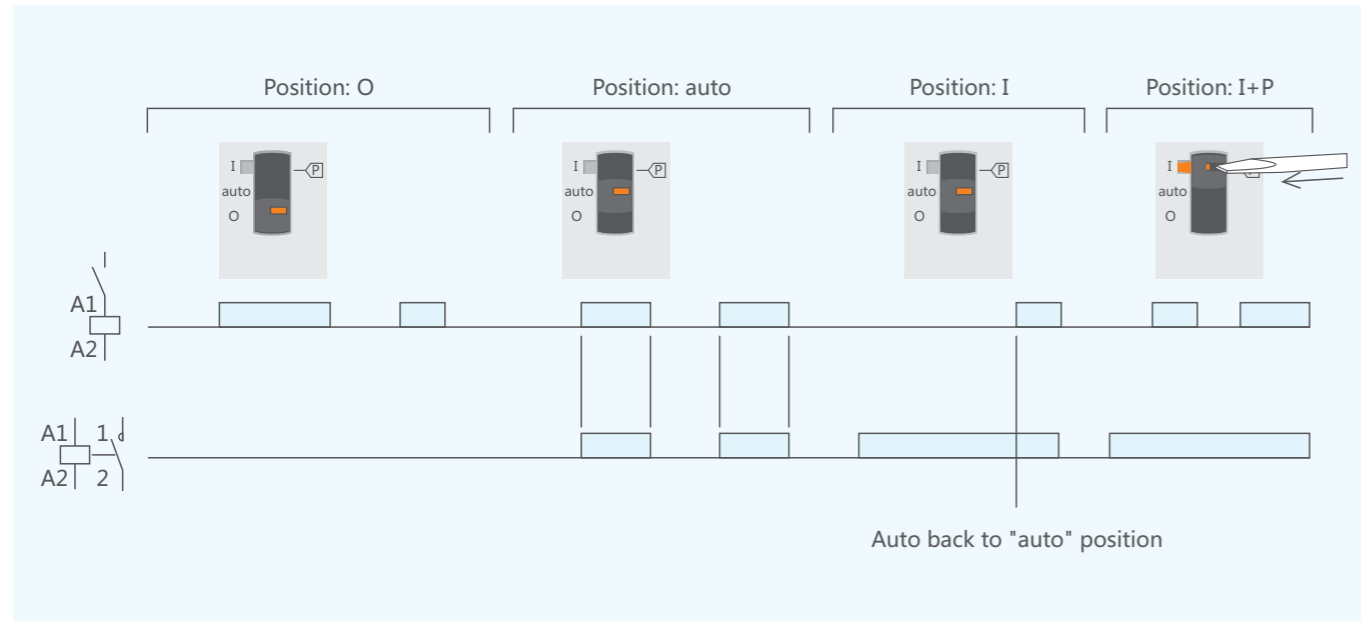
Automatic							
Rating current In	AC-7a	16A	20A	25A	40A	63A	100A
	AC-7b	6A	7A	8.5A	15A	20A	—
Width	18mm			36mm			
Control voltage	24V, 110V, 230V			24V, 110V, 230V		24V, 110V, 230V	
Contact	2NO, 2NC, 1NO, 1NC, 1NO+1NC					2NO	

Automatic							
Rating current In	AC-7a	16A	20A	25A	40A	63A	100A
	AC-7b	6A	7A	8.5A	15A	20A	—
Width	36mm			54mm		108mm	
Control voltage	24V, 110V, 230V			24V, 110V, 230V		24V, 110V, 230V	
Contact	4NO, 4NC, 3NO, 3NC, 3NO+1NC, 2NO+2NC					4NO	

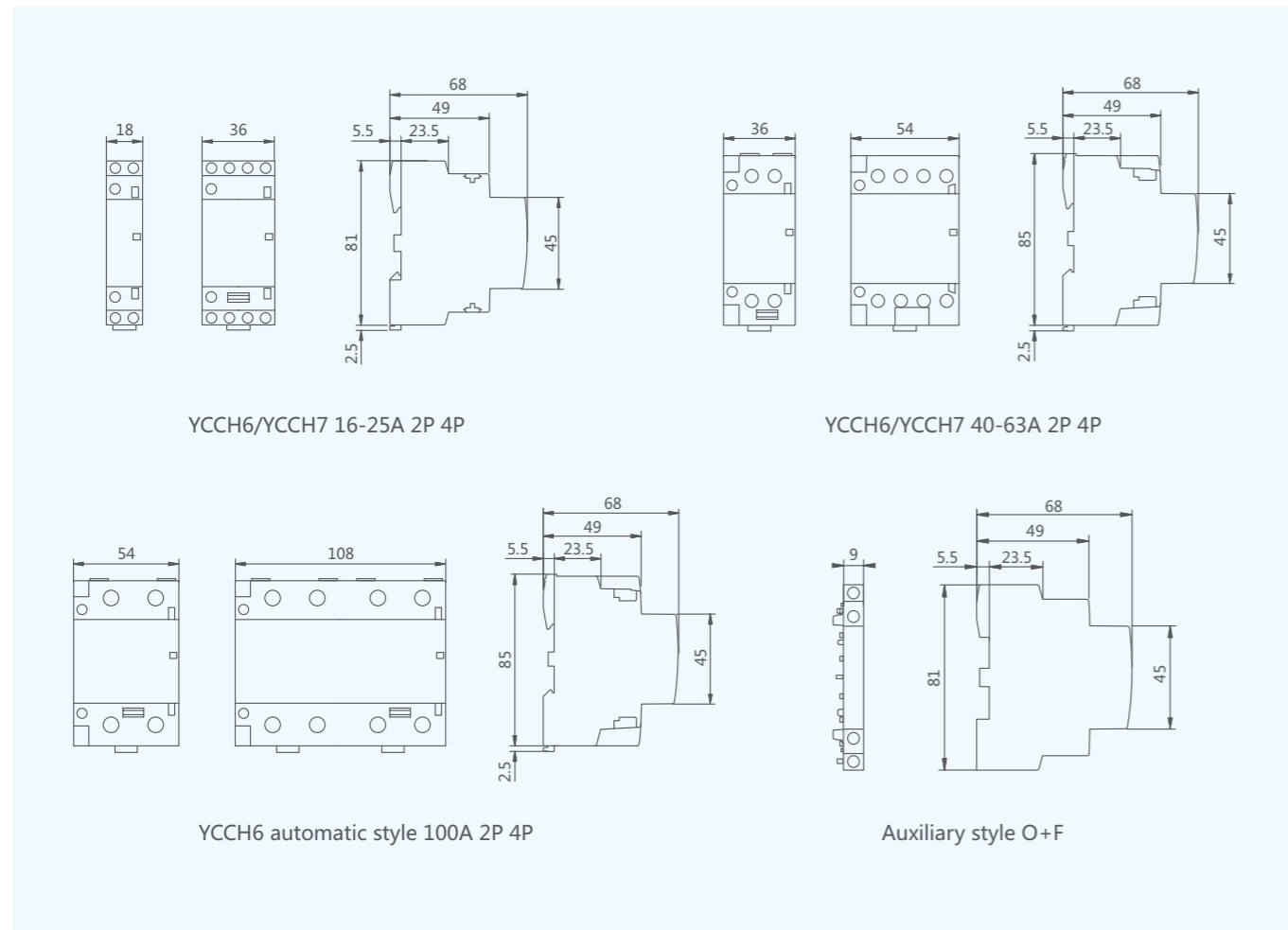
Manual							
Rating current In	AC-7a	16A	20A	25A	40A	63A	
	AC-7b	6A	7A	8.5A	15A	20A	
Width	18mm			36mm			
Control voltage	24V, 110V, 230V			24V, 110V, 230V			
Contact	2NO, 2NC, 1NO, 1NC, 1NO+1NC						

Manual							
Rating current In	AC-7a	16A	20A	25A	40A	63A	
	AC-7b	6A	7A	8.5A	15A	20A	
Width	36mm			54mm			
Control voltage	24V, 110V, 230V			24V, 110V, 230V			
Contact	2NO, 2NC, 1NO, 1NC, 1NO+1NC						

Operation (Manual Operation Contactor)



Dimensions (mm)



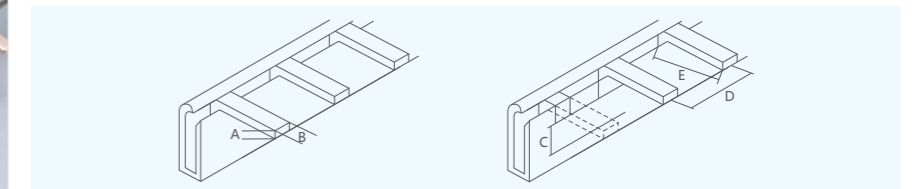
Busbar Pin

Material: Copper

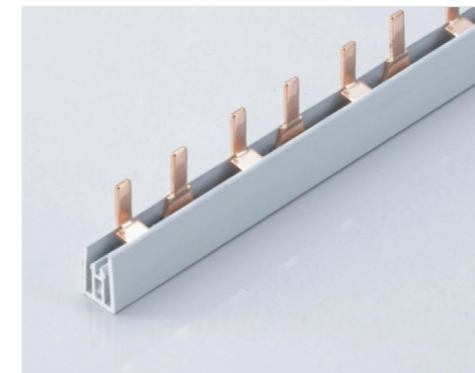
Features: good conductivity, low contact resistance, safe and reliable performance.



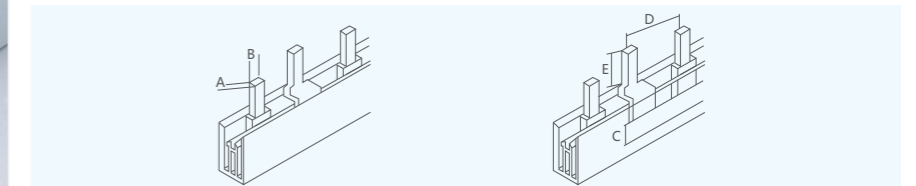
PIN 1P



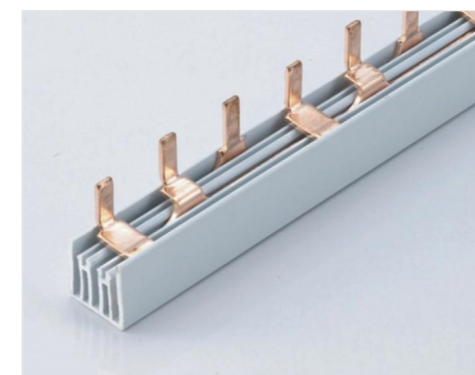
Specification	Model	A	B	C	D	E	Reference current
PIN	1P	1.5	4	9	17.8	11.5	80A
PIN	1P	1.8	4	9	17.8	11.5	100A



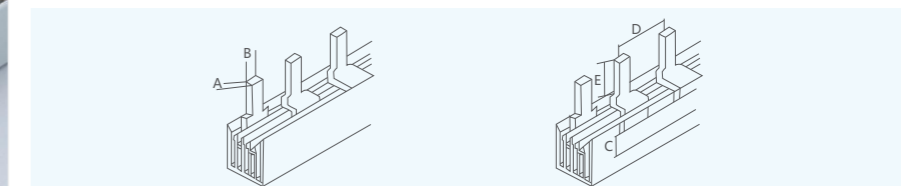
PIN 2P



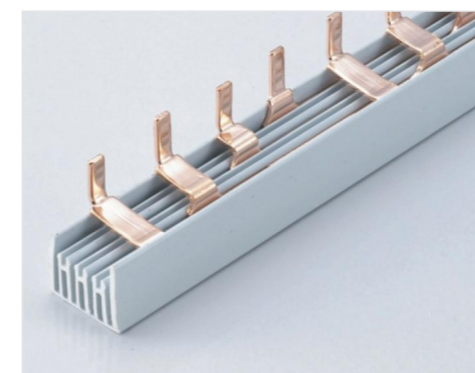
Specification	Model	A	B	C	D	E	Reference current
PIN	2P	1.5	4	9	17.8	11.5	80A
PIN	2P	1.8	4	9	17.8	11.5	100A



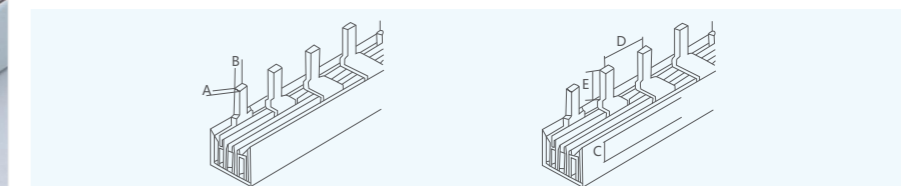
PIN 3P



Specification	Model	A	B	C	D	E	Reference current
PIN	3P	1.5	4	9	17.8	11.5	80A
PIN	3P	1.8	4	9	17.8	11.5	100A



PIN 4P



Specification	Model	A	B	C	D	E	Reference current
PIN	4P	1.5	4	9	17.8	11.5	80A
PIN	4P	1.8	4	9	17.8	11.5	100A