



### Applications:

- HVAC
- POWER SUPPLIES
- FOOD PROCESSING
- LIGHTING
- POOL AND SPA
- PUMPS, HOISTS, AND CRANES
- AGRICULTURE

	Power Rating (A)	Terminal Type	Operating Voltage (V)
1 Pole	20, 25, 30, 40	Screw and Lug	24, 110, 120, 220, 208-240, 277, 380, 440, 550
1.5 Pole			
2 Pole			
3 Pole			

### Features and Benefits

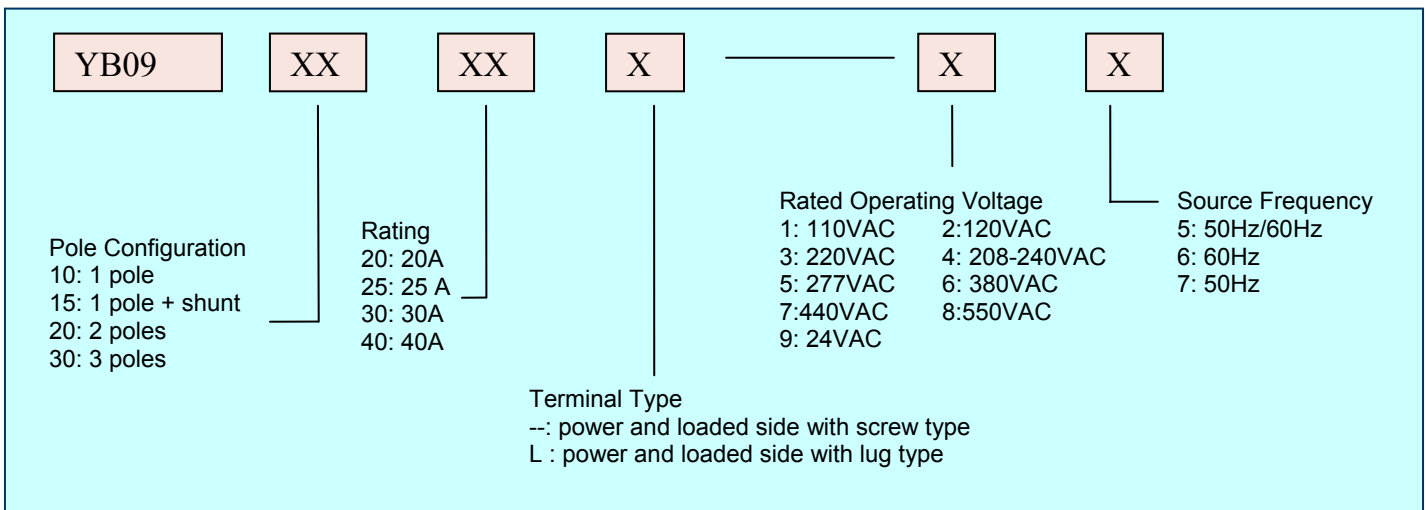
- Screw and box lug terminals are interchangeable on 3 poles series
- Maximum of three auxiliary contacts blocks available
- Snap on accessories
- Universal mounting plate
- 15%~50% cost savings compared to the IEC contactors
- 30%~40% space savings compared to the IEC contactors
- Easy installation
- Easy maintenance

### Standards Compliance





- UL 508
- IEC 60947-1 & 60947-4-1
- ARI 780/790 (Air Conditioning and Refrigeration Institute)







### Model No. Explanation



## Specifications

Catalog Number				YB09-1020	YB09-1520	YB09-2020	YB09-1025	YB09-1525	YB09-2025	YB09-1030	YB09-1530	YB09-2030	YB09-1040	YB09-1540	YB09-2040
Photos															
Number of Poles				1	1+ shunt	2	1	1+ shunt	2	1	1+ shunt	2	1	1+ shunt	2
Terminal				SCREW/LUG			SCREW/LUG			SCREW/LUG			SCREW/LUG		
Rated Insulation Voltage (Ui) UL/IEC				600/660											
Operation Voltage (Ue) UL/IEC				600/660											
Duty Thermal Current (Ith) UL/IEC				30			35			40			50		
AIR CONDITIONING & REFRIGERATION INSTITUTE Standard 780/790	Full load Amps (FLA)			20			25			30			40		
	Locked Rotor Amps (LRA) A	Single Phase	240-277V	120			150			180			240		
			480V	100			125			150			200		
			600V	80			100			120			160		
Resistance Load (RES) A			30			35			40			50			
UL 508	Full Load Current (FLA)	Single Phase	120V	1.5Hp/20A			2Hp/24A			2Hp/24A			3Hp/34A		
			240/277V	3Hp/17A			3Hp/17A			5Hp/28A			7.5Hp/40A		
IEC 60947-1 IEC60947-4-1 AC 7a, AC 8a	Rated Current (A)		220V	20			25			30			40		
			380V	20			25			30			40		
Resistance Load (RES) A			32			35			40			50			
Weight (Lbs.)				0.51	0.51	0.66	0.51	0.51	0.66	0.51	0.51	0.66	0.51	0.51	0.66

Note: 1. DPA-1 Pole, 1+SHUNT Pole and 2 Pole standard type with top cover without anti dust cover.

Catalog Number				YB09-3020	YB09-3025	YB09-3030	YB09-3040				
Photos											
Number of Poles				3		3		3		3	
Terminal				SCREW/LUG		SCREW/LUG		SCREW/LUG		SCREW/LUG	
Rated Insulation Voltage (Ui) UL/IEC				600/660							
Operation Voltage (Ue) UL/IEC				600/660							
Duty Thermal Current (Ith) UL/IEC				30		35		40		50	
AIR CONDITIONING & REFRIGERATION INSTITUTE Standard 780/790	Full load Amps (FLA)			20		25		30		40	
	Locked Rotor Amps (LRA) A	Single Phase	240-277V	120		150		180		240	
			480V	100		125		150		200	
			600V	80		100		120		160	
Resistance Load (RES) A			30		35		40		50		
UL 508	Full Load Current (FLA)	Single Phase	120V	1.5Hp/20A		2Hp/24A		2Hp/24A		3Hp/34A	
			240/277V	3Hp/17A		5Hp/28A		5Hp/28A		7.5Hp/40A	
	Rated Current (A)	Three Phase	440/480V	5Hp/14A		5Hp/14A		7.5Hp/21A		15Hp/34A	
			220/240V	7.5Hp/22A		10Hp/28A		10Hp/28A		10Hp/28A	
			440/480V	7.5Hp/11A		15Hp/21A		15Hp/21A		20Hp/27A	
		550/600V	7.5Hp/9A		20Hp/22A		20Hp/22A		25Hp/27A		
IEC 60947-1, IEC60947-4-1 AC 7a, AC 8a	Rated Current (A)		220V	20		25		30		40	
			380V	20		25		30		40	
Resistance Load (RES) A			32		35		40		50		
Weight (Lbs)				0.95		0.95		0.95		0.95	

Notes: 1. DP-3 Pole standard type with top cover and anti dust cover.

2. DP-3 Pole and on side mounting aux is 3 N/C (max).

3. DP-3 Pole can provide reversing type.



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