Home AC Contactors

YHC



YHC series analog-digital AC contactors adopt a new technology platform and apply automated production and testing equipment to create high-end contactors with super quiet and long life.

Transparent clamshell design, high-end material selection, RoHS standard, visual window, and rich models and specifications.

		YHC-16A/20A/25A		YHC-32A/40A/63A	
		2P	4P	2P	4P
W H D	W	18	36	36	54
	D	68	68	68	68
	H	81	81	85	85

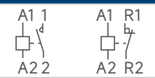
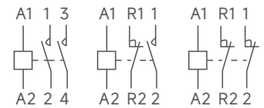
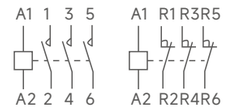
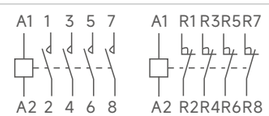
Product model and definition

YHC — 16	10	AC230
Rated Current	Contactor Type	Control Voltage
Product model 16A/20A/25A 32A/40A/63A	1P 10:1NO/01:1NC 2P 20:2NO/11:1NO+1NC/02:2NC 3P 30:3NO/03:3NC 4P 40:4NO/31:3NO+1NC/22:2NO+2NC/04:4NC	AC24V/AC48V/AC110V AC230V/DC12V/DC24V

Technical Specification

	YHC
Rated operational voltage(Ue)	1P/2P:250V AC 3P/4P:400V AC
Frequency	50Hz
Electrical durability	100000 times
Maximu number of switching operation a day	100 times
Rated insulation voltage (Ui)	500V AC
Pollution class	2
Rated impulse withstand voltage (Uimp)	4kV
Protection Grade(IEC/EN 60529)	Contactor only：IP20；Contactor in modular enclosure：IP40
Operating temperature	-5℃~+60℃
Storage Temperature	-40℃~+70℃
Tropicalization(IEC/EN 60068-1)	Treatment 2 (relative humidity 95% at 55℃)
Certification	CCC/CE
ELSV compliance (extra low safety voltage) for 12/24/48V AC versions	
The product control conforms to the SELV(safety extra low voltage)requirments	
In the case of contactor mounting in a enclosure for which the interior temperature is in range detween 50℃ and 60℃. It is necessary to use a spacer between each contactor.	

Technical Parameters

Tape	Rated current（In）		Control voltage(V)	Contact	Width (A multiple of 9mm)
	AC-7a	AC-7b			
1P 	16A	6A	AC(50/60Hz): 24V/48V /110V/230V DC:12V/24V	1NO 1NC	2
	20A	7A			
	25A	9A			
2P 	16A	6A		2NO 2NC 1NO1NC	2
	20A	7A			
	25A	9A			
	32A	12A			4
	40A	15A			
	63A	20A			
3P 	16A	6A		3NO 3NC	2
	20A	7A			
	25A	9A			
	32A	12A			4
	40A	15A			
	63A	20A			
4P 	16A	6A		4NO 4NC 2NO2NC	2
	20A	7A			
	25A	9A			
	32A	12A		3NO1NC	4
	40A	15A			
	63A	20A			

Power Consumption

Type	Rated Current（In）		Control voltage (V AC)	Power Consumption		Max. Power
	AC-7a	AC-7b		Holding	Actuation	
1P	25A	9A	230...240	2.7VA	9.2VA	1.2W
2P	16A	6A	230...240	2.7VA	9.2VA	1.2W
	20A	7A	230...240	2.7VA	9.2VA	1.2W
	25A	9A	24	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
			230...240	2.7VA	9.2VA	1.2W
	32A	12A	230...240	4.6VA	34VA	1.6W
	40A	15A	230...240	4.6VA	34VA	1.6W
	63A	20A	230...240	4.6VA	34VA	1.6W
3P	16A	6A	230...240	4.6VA	34VA	1.6W
	20A	7A	230...240	4.6VA	34VA	1.6W
	25A	9A	230...240	4.6VA	34VA	1.6W
	32A	12A	230...240	6.5VA	53VA	2.1W
	40A	15A	230...240	6.5VA	53VA	2.1W
	63A	20A	230...240	6.5VA	53VA	2.1W
4P	16A	6A	230...240	4.6VA	34VA	1.6W
	20A	7A	230...240	4.6VA	34VA	1.6W
	25A	9A	24	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
			24	4.6VA	34VA	1.6W
			230...240	4.6VA	34VA	1.6W
	32A	12A	230...240	6.5VA	53VA	2.1W
	40A	15A	230...240	6.5VA	53VA	2.1W
	63A	20A	230...240	6.5VA	53VA	2.1W