

Household Contactor JVC



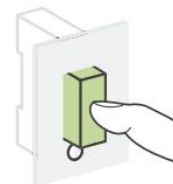
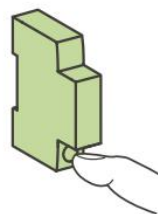
Application

This series contactors can be used to remote applications in alternative network like lighting, heating, ventilation, roller blinds, sanitary hot water, mechanical ventilation systems, etc.

The contactors can be combined with auxiliary control, protection and indication functions. This contactor can be divided into two versions: with Manual (JVC-M), and without Manual (JVC).

Main Technical Data

Main Circuit		
Rated Voltage(Ue)	1P, 2P	250V AC
	3P, 4P	400V AC
Frequency	50HZ	
Service Life(O-C)		
Electrical Life	30000 Times	
Max Switching Frequency(per day)	100	
Additional Features		
Isolation Voltage	500V AC	
Pollution Class	250V AC	
Rated Impulse Withstand Voltage(Uimp)	2.5kV(4kV @ 12/24/48V AC)	
Protection Grade	Breaker body	IP20
	Installed inside the distribution box	IP40
Working Temperature	-5°C ~ +60°C	
When the contactor is installed inside the distribution box, spacer cat should be assembled on both sides of it, to facilitate heat dissipation.		

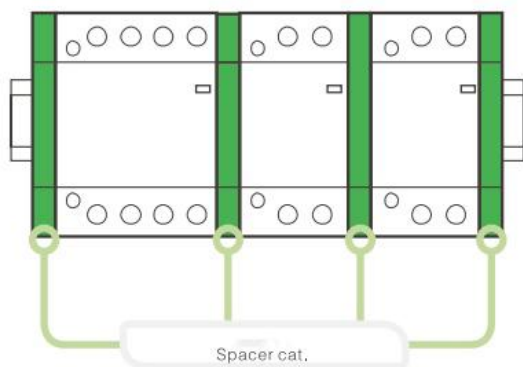


Clip on DIN rail 35 mm.

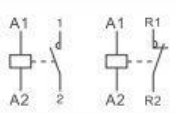

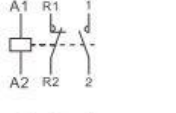

$\pm 30^\circ$ vertical.a

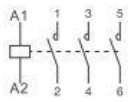
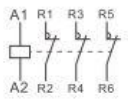
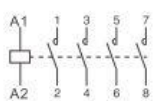
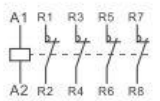
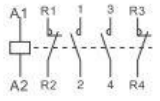
IP20

IP40

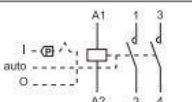
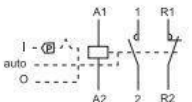
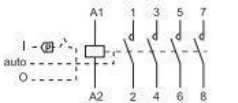
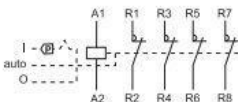


1/JVC CONTACTOR W/O MANUAL

Type		Width in 9 mm modules				
		Rating(In)		Control voltage (VAC)(50/60Hz)	Contact	
		AC-7a	AC-7b			
1P		16A	6A	24	1NO	2
		20A	7A	110		
		25A	9A	230	1NC	
2P		16A	6A	24	2NO	2
		20A	7A	110	1NO+1NC	
		25A	9A	230	2NC	
		32A	12A	24	2NO	4
		40A	18A	110	1NO+1NC	
		63A	25A	230	2NC	
		100A	-	24	2NO	6
				110		
				230		

3P					
	16A	6A	24	3NO	4
	20A	7A	110	3NC	
	25A	9A	230	3NC	
	32A	12A	24	3NO	6
	40A	18A	110	3NC	
	63A	25A	230	3NC	
4P					
	16A	6A	24	4NO	4
	20A	7A	110	4NC	
	25A	9A	230	2NO+2NC 3NO+1NC	
	32A	12A	24	4NO	6
	40A	18A	110	4NC	
	63A	25A	230	2NO+2NC 3NO+1NC	
	100A	-	24	4NO	12
			110		
			230		

2/JVC CONTACTOR WITH MANUAL

2P	Rating(In)		Control voltage (V AC)(50/60Hz)	Contact	Width in 9 mm modules
	AC-7a	AC-7b			
	16A	6A	24	2NO	2
	20A	7A	110	1NO+1NC	
	25A	9A	230	2NC	
	32A	12A	24	2NO	4
	40A	18A	110	1NO+1NC	
	63A	25A	230	2NC	
4P					
	16A	6A	24	4NO	4
	20A	7A	110	4NC	
	25A	9A	230	2NO+2NC 3NO+1NC	
	32A	12A	24	4NO	6
	40A	18A	110	4NC	
	63A	25A	230	2NO+2NC 3NO+1NC	

Consumption - JVC CONTACTOR W/O MANUAL

类型 Type

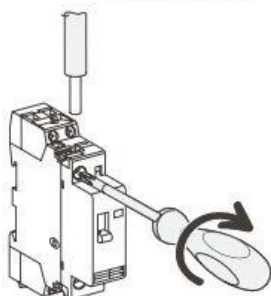
	额定电流(In) Rating(In)		控制电压(VAC)(50/60Hz) Control voltage (VAC)(50/60 Hz)	功耗 Consumption		最大功率 Max. power
	AC-7a	AC-7b		保持 Holding	吸合 Inrush	
IP	25A	9A	230...240	2.7VA	9.2VA	1.2W
2P	16A	6A	230...240	2.7VA	9.2VA	1.2W
	20A	7A	230...240	2.7VA	9.2VA	1.2W
	25A	9A	24	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
			230...240	2.7VA	9.2VA	1.2W
	40A	18A	220...240	4.6VA	34VA	1.6W
	63A	25A	220...240	4.6VA	34VA	1.6W
3P	100A	-	220...240	6.5VA	53VA	2.1W
	25A	9A	220...240	4.6VA	34VA	1.6W
	40A	18A	220...240	6.5VA	53VA	2.1W
4P	63A	25A	220...240	6.5VA	53VA	2.1W
	16A	6A	220...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
			220...240	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
	32A	12A	220...240	6.5VA	53VA	2.1W
	40A	18A	220...240	6.5VA	53VA	2.1W
	63A	25A	220...240	6.5VA	53VA	2.1W
2P			220...240	6.5VA	53VA	2.1W
			220...240	6.5VA	53VA	2.1W
			220...240	6.5VA	53VA	2.1W
	100A	-	220...240	13VA	106VA	4.2W

Consumption - JVC CONTACTOR WITH MANUAL

类型 Type

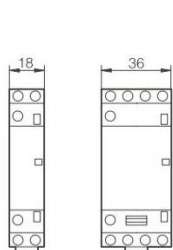
	额定电流(In) Rating(In)		控制电压(VAC)(50/60Hz) Control voltage (VAC)(50/60 Hz)	功耗 Consumption		最大功率 Max. power
	AC-7a	AC-7b		保持 Holding	吸合 Inrush	
2P	25A	9A	230...240	2.7VA	9.2VA	1.2W
	40A	18A	220...240	4.6VA	34VA	1.6W
	63A	25A	220...240	4.6VA	34VA	1.6W
4P	25A	9A	220...240	4.6VA	34VA	1.6W
	40A	18A	220...240	6.5VA	53VA	2.1W
	63A	25A	220...240	6.5VA	53VA	2.1W

Connection

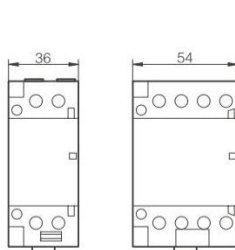


Type	Rating	Length tripping	Circuit	Tightening torque	Copper cables	
					Rigid	Flexible or ferrule
PZ1:4mm	16~100A	9mm	Control	0.8N.m		
	16和25A				1.5~2.5mm ² 2 × 1.5mm ²	1.5~2.5mm ² 2 × 2.5mm ²
PZ2:6mm	40A~63A	14mm	Power	3.5N.m		
	100A				1.5~6mm ²	1~4mm ²
BACTs	PZ1:4mm	-	-	0.8N.m		
					6~25mm ²	6~16mm ²
					1.5~2.5mm ² 2 × 1.5mm ²	1.5~2.5mm ² 2 × 2.5mm ²

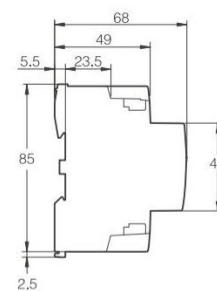
Outline and Dimension(mm)



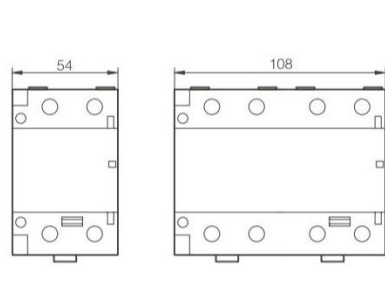
JVC2-16/20/25A



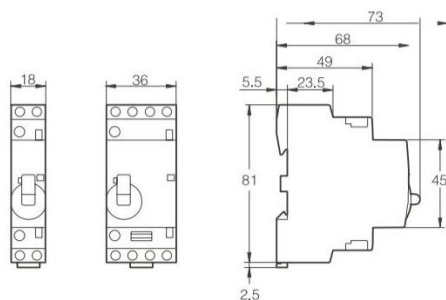
JVC2 32/40/63A



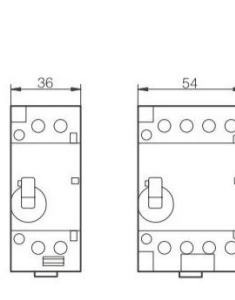
JVC2 100A



BACTs



JVC2 manual control contactor 16/25A



JVC2 manual control contactor 40/63A