



# JRC-19F (4078)



21×10×12

**UL** US E158859

**△** R2133344

## Features

- Small size, light weight.
- Low coil power consumption.
- PC board mounting.
- Suitable for household electrical appliance, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.

## Ordering Information

**JRC-19F 2C 3V 0.2**

1 2 3 4

1 Part number: JRC-19F

2 Contact arrangement: 2A:2A; 2C:2C;

3 Coil rated Voltage(V): DC:3,4.5,5,6,12,24,48,

4 Coil power consumption: 0.15:0.15W; 0.2:0.2W;

0.36:0.36W; 0.51:0.51W

## Contact Data

Contact Arrangement	2A (DPSTNO), 2C (DPDT(B-M))	
Contact Material	Ag Ag-Ni(Au clad)	
Contact Rating (resistive)	2A/24VDC; 0.5A, 1A/125VAC, 30VDC ;	
Max. Switching Power	48W 60VA	
Max. Switching Voltage	24VDC 220VAC	Max. Switching Current:2A
Contact Resistance or Voltage drop	≤50mΩ	Item 3.12 of IEC255-7
Operation life	Electrical	10 <sup>5</sup> Item 3.30 of IEC255-7
	Mechanical	10 <sup>7</sup> Item 3.31 of IEC255-7

## Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω±10%	Pickup voltage VDC(max) (75%of rated voltage )	release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max						
003-150	3	3.9	60	2.25	0.3	0.15	≤6	≤5
004-150	4.5	5.9	135	3.15	0.45			
005-150	5	6.5	166.7	3.50	0.5			
006-150	6	7.8	240	4.20	0.6			
012-150	12	15.6	960	8.40	1.2			
024-150	24	31.2	3840	18.0	2.4			
003-200	3	3.9	45	2.25	0.3	0.20	≤6	≤5
004-200	4.5	5.9	101	3.15	0.45			
005-200	5	6.5	125	3.50	0.5			
006-200	6	7.8	180	4.20	0.6			
012-200	12	15.6	720	8.40	1.2			
024-200	24	31.2	2880	18.0	2.4			
003-360	3	3.9	25	2.25	0.3	0.36	≤6	≤5
004-360	4.5	5.9	56	3.15	0.45			
005-360	5	6.5	70	3.50	0.5			
006-360	6	7.8	100	4.20	0.6			
012-360	12	15.6	400	8.40	1.2			
024-360	24	31.2	1600	18.0	2.4			
003-510	3	3.9	17.6	2.25	0.3	0.51	≤6	≤5
004-510	4.5	5.9	39.7	3.15	0.45			
005-510	5	6.5	49	3.50	0.5			
006-510	6	7.8	70.6	4.20	0.6			
012-510	12	15.6	282.4	8.40	1.2			
024-510	24	31.2	1129.4	18.0	2.4			
048-510	48	62.4	4517.6	36.0	4.8			

**CAUTION:** 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.  
2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.