

DB LECTRO^U

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO.,LTD.

NHG[®]





20.5×10.6×15.6

JZC-33F



03001003510

R50016343 C_{UL} E160644**Features**

- 5A, 10A switching capabilities.
- Subminiature, standard PC layout.
- Sealed & Unsealed types available.

Ordering Information**JZC-33F C S 10 DC12V 0.45**

1 2 3 4 5 6

1 Part number: JZC-33F

2 Contact arrangement: A:1A; C:1C

3 Enclosure: S: Sealed type; Z: Dust cover

4 Contact current: 3A, 5A, 10A

5 Coil rated voltage(V): DC: 3, 5, 6, 9, 12, 18, 24

6 Coil power consumption: 0.2: 0.2W; 0.45: 0.45W

Contact Data

Contact Arrangement	1A (SPSTNO) 1C (SPDT (B-M))	
Contact Material	Ag Silver Alloy	
Contact Rating(resistive)	1A: 5A/250VAC, 30VDC; 10A/125VAC 1C: NO: 5A/250VAC, 30VDC; 10A/125VAC NC: 3A, 5A/250VAC, 30VDC Motor load: 1/4HP 250VAC Lamp load: TV-5	
Max. Switching Power	150W 1250VA	
Max. Switching Voltage	30VDC 277VAC	Max. Switching Current: 10A
Contact Resistance or Voltage drop	<100mΩ (1A/24VDC) Item 3.12 of IEC255-7	
Operational life	Electrical	10 ⁵ Item 3.30 of IEC255-7
	Mechanical	10 ⁷ Item 3.31 of IEC255-7

Coil Parameter

Dash numbers	Rated voltage VDC		Coil resistance Ω ±10%	Pickup voltage V(max) (75% of rated Volt)	Release voltage VDC(min) (5% of rated Volt)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
003-200	3	3.3	45	2.25	0.15	0.20	<8	<5
005-200	5	5.5	125	3.75	0.25			
006-200	6	6.6	180	4.50	0.30			
009-200	9	9.9	405	6.75	0.45			
012-200	12	13.2	720	9.00	0.60			
018-200	18	19.8	1620	13.5	0.90			
024-200	24	26.4	2880	18.0	1.20			
003-450	3	3.3	20	2.25	0.15	0.45	<8	<5
005-450	5	5.5	56	3.75	0.25			
006-450	6	6.6	80	4.50	0.30			
009-450	9	9.9	180	6.75	0.45			
012-450	12	13.2	320	9.00	0.60			
018-450	18	19.8	720	13.5	0.90			
024-450	24	26.4	1280	18.0	1.20			

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.



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CQC 03001003510

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| 2 Contact arrangement: A:1A; C:1C | 5 Coil rated voltage(V): DC:3,5,6,9,12,18,24 |
| 3 Enclosure: S:Sealed type; Z:Dust cover | 6 Coil power consumption: 0.2:0.2W; 0.45:0.45W |

Contact Data

Contact Arrangement		1A (SPSTNO) 1C (SPDT (B-M))	
Contact Material		Ag Silver Alloy	
Contact Rating(resistive)		1A:5A/250VAC,30VDC;10A/125VAC 1C:NO:5A/250VAC,30VDC;10A/125VAC NC:3A,5A/250VAC,30VDC Motor load:1/4HP 250VAC Lamp load:TV-5	
Max. Switching Power		150W 1250VA	
Max. Switching Voltage		30VDC 277VAC	Max.Switching Current:10A
Contact Resistance or Voltage drop		<100mΩ (1A/24VDC) Item 3.12 of IEC255-7	
Operational life	Electrical	10 ⁵	Item 3.30 of IEC255-7
	Mechanical	10 ⁷	Item 3.31 of IEC255-7

Coil Parameter

Dash numbers	Rated voltage VDC		Coil resistance Ω ±10%	Pickup voltage V(max) (75%of rated Volt)	Release voltage VDC(min) (5%of rated Volt)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
003-200	3	3.3	45	2.25	0.15	0.20	<8	<5
005-200	5	5.5	125	3.75	0.25			
006-200	6	6.6	180	4.50	0.30			
009-200	9	9.9	405	6.75	0.45			
012-200	12	13.2	720	9.00	0.60			
018-200	18	19.8	1620	13.5	0.90			
024-200	24	26.4	2880	18.0	1.20			
003-450	3	3.3	20	2.25	0.15	0.45	<8	<5
005-450	5	5.5	56	3.75	0.25			
006-450	6	6.6	80	4.50	0.30			
009-450	9	9.9	180	6.75	0.45			
012-450	12	13.2	320	9.00	0.60			
018-450	18	19.8	720	13.5	0.90			
024-450	24	26.4	1280	18.0	1.20			

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