

JZC-33F

SUBMINIATURE INTERMEDIATE POWER RELAY



File No.:E133481



File No.:125661



File No.:CH0032702-2002A



Features

- 10A switching capabilities
- SPST-NO and SPDT configurations
- Subminiature, standard PC layout
- Sealed and Unsealed types available

CONTACT DATA

Contact Arrangement	1A, 1C		
Initial Contact Resistance Max.	100mΩ (at 1A 24VDC)		
Contact Material	AgCdO		
Contact Rating (Res. Load)	1A	1Z	
	5A 250VAC	5A 250VAC	3A 250VAC
	5A 30VDC	5A 30VDC	3A 30VDC
	10A 125VAC	10A 125VAC	
Max. switching current	10A		3A
Max. switching power	1250VA/150W		750VA/90W
Max. switching voltage	277VAC/30VDC		
UL/CUR rating	5A 250VAC/30VDC 8A 250VAC 10A 250VAC		3A 250VAC 3A 30VDC
VDE rating	5A 250VAC		3A 250VAC
Mechanical life	1x 10 ⁷ OPS		
Electrical life	1 x 10 ⁵ OPS		

CHARACTERISTICS

Initial Insulation Resistance		1000MΩ 500VDC
Dielectric Strength	Between coil and Contacts	4000VAC 1min.
	Between open contacts	1000VAC 1min.
Operate time (at nomi. Volt.)		8ms
Release time (at nomi. Volt.)		5ms
Ambient temperature		-40°C to +70°C
Humidity		35 to 95%
Shock	Functional	100 m/s ²
Resistance	Destructive	1000 m/s ²
Vibration Resistance		1.6mm, 10 to 55Hz
Termination		PCB
Unit weight		Approx. 7g
Construction		Sealed & Unsealed

COIL

Coil power	Standard:0.45W, Sensitive:0.2W
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COIL DATA

Standard Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 20°C)	Coil Resistance Ω
3	2.25	0.15	3.9	20 ± 10%
5	3.75	0.25	6.5	55 ± 10%
6	4.50	0.30	7.8	80 ± 10%
9	6.75	0.45	11.7	180 ± 10%
12	9.00	0.60	15.6	320 ± 10%
18	13.5	0.90	23.4	720 ± 10%
24	18.0	1.20	31.2	1280 ± 10%
48	36.0	2.40	62.4	5120 ± 10%

Sensitive Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 20°C)	Coil Resistance Ω
3	2.25	0.15	4.5	45 ± 10%
5	3.75	0.25	7.5	125 ± 10%
6	4.50	0.30	9.0	180 ± 10%
9	6.75	0.45	13.5	400 ± 10%
12	9.00	0.60	18.0	720 ± 10%
18	13.5	0.90	27.0	1600 ± 10%
24	18.0	1.20	36.0	2800 ± 10%



HONGFA RELAY

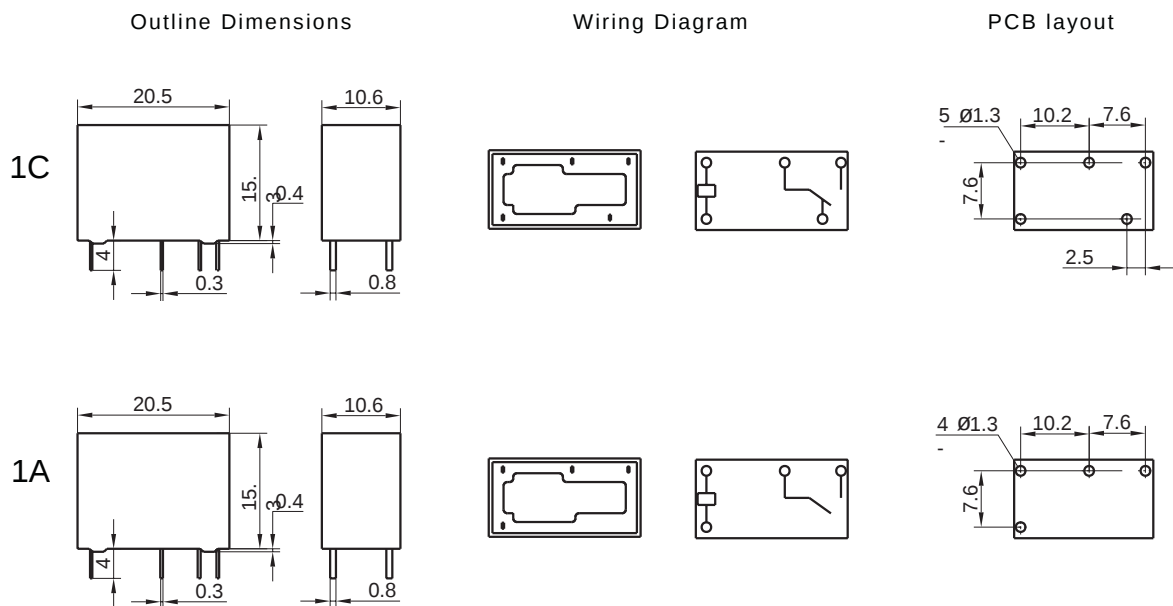
ISO9001/QS9000/ISO14000 CERTIFIED

ORDERING INFORMATION

Type	JZC-33F / 012 H S L
Coil voltage	3, 5, 6, 9, 12, 18, 24, 48VDC
Contact arrangement	H:1 Form A Z:1 Form C
Structure	Nil:Unsealed S:Sealed
Coil Power	L: Sensitive Nil: Standard

Note: Sensitive type only suit for SPST-NO

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



CHARACTERISTICS CURVE

