

JZX-140FF

MINIATURE INTERMEDIATE POWER RELAY



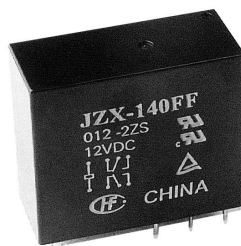
File No.:E133481



File No.:R9659298



File No.:CH0023315-2002A



Features

- 10A switching capabilities
- DPST-NO and DPDT configurations
- 5KV dielectric between coil to contacts
- Sealed & Unsealed types available

CONTACT DATA

Contact Arrangement	2A, 2C
Initial Contact Resistance Max.	50mΩ(1A 24VDC)
Contact Material	AgCdO
Contact Rating (Res. Load)	5A 220VAC/30VDC
Max. switching voltage	250VAC/30VDC
Max. switching current	10A
Max. switching power	2500VAC/300W
UL/CUR rating	10A 250VAC/30VDC 8A 30VDC TV-3, 125VAC
TÜV rating	5A 250VAC/30VDC
Mechanical life	1 x 10 ⁷ OPS
Electrical life	1 x 10 ⁵ OPS

CHARACTERISTICS

Initial Insulation Resistance		1000MΩ, 500 VDC
Dielectric Strength	Between coil and Contacts	5000VAC 1min.
	Between contacts sets	3000VAC 1min.
	Between open contacts	1000VAC 1min.
Surge Voltage betweenContacts and coil		10000V(at 1.2 x 50 μs)
Operate time (at nomi. Volt.)		15ms
Release time (at nomi. Volt.)		5ms
Humidity		98%, +40° C
Ambient temperature		-40° C to +70° C
Shock Resistance	Functional	100 m/s ²
	Destructive	1000 m/s ²
Vibration Resistance		1.5mm, 10 to 55Hz
Termination		PCB
Unit weight		Approx. 18g
Construction		Sealed & Unsealed

COIL

Coil power	0.55W
------------	-------

COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 20°C)	Coil Resistance Ω
3	2.25	0.3	3.9	17 ± 10%
5	3.75	0.5	6.5	47 ± 10%
6	4.50	0.6	7.8	68 ± 10%
9	6.75	0.9	11.7	160 ± 10%
12	9.00	1.2	15.6	275 ± 10%
18	13.5	1.8	23.4	650 ± 10%
24	18.0	2.4	31.2	1100 ± 10%
48	36.0	4.8	62.4	4170 ± 10%
60	45.0	6.0	78.0	7000 ± 10%

Note:When require pick-up voltage < 75% of nominal voltage, special order allowed.



HONGFA RELAY

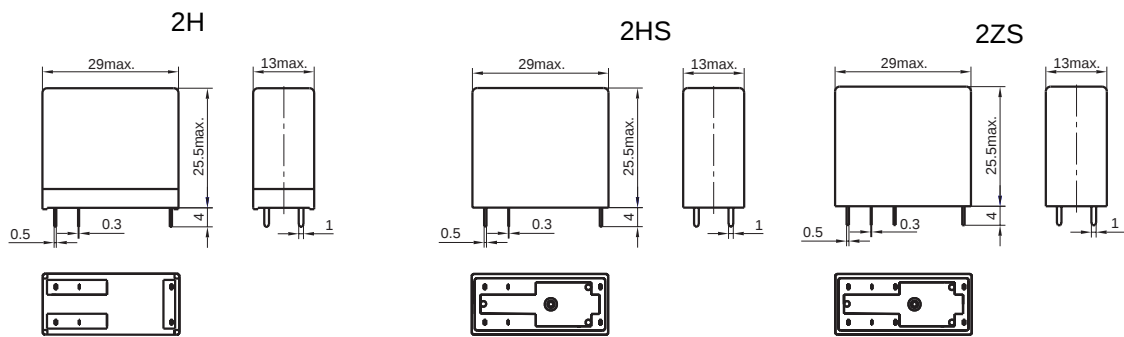
ISO9001/QS9000/ISO14000 CERTIFIED

ORDERING INFORMATION

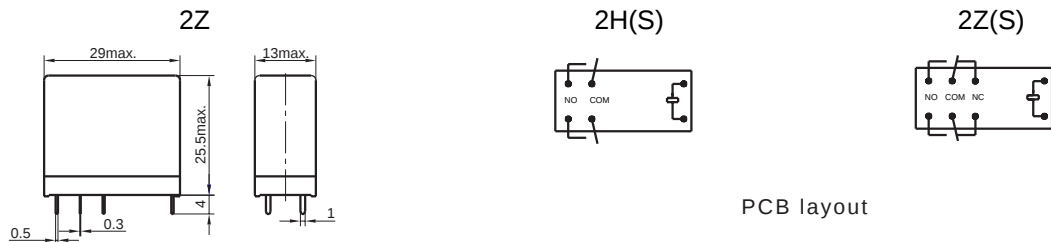
JZX-140FF /		012	2H	S
Type				
Coil voltage 3,5,6,9,12,18,24, 48, 60VDC				
Contact arrangement 2H:2 Form A 2Z:2 Form C				
Structure Nil: Unsealed S: Sealed				

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Outline Dimensions



Wiring Diagram



PCB layout



CHARACTERISTICS CURVE

