

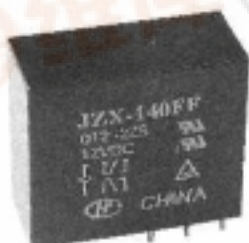
HONGFA RELAY



MINIATURE POWER RELAY

Double-Pole, 10A , PC Board

JZX-140FF



- 10A switching capabilities
- DPST-NO and DPDT configurations
- 5KV dielectric between coil to contacts
- Sealed & Unsealed types available
- UL & CUR file NO: E133481
- TÜV file No. R9659298

CONTACT DATA

Arrangement	DPST-NO, DPDT	
Initial Contact Resistance Max. (at 1A 24VDC)	50mΩ	
Contact Material	Silver alloy	
Contact Rating	5A 220VAC/30VDC	
Max. switching voltage	250VAC/30VDC	
Max. switching current	10A	
Max. switching power	2200VA/300W	
UL/CUR rating	10A 250VAC 8A 30VDC 10A 30VDC (5x10 ⁴) TV3 - 125VAc	
TÜV rating	5A 250VAC/30VDC	
Expected operations	Mechanical	1X10 ⁷
	Electrical	1X10 ⁵

SPECIFICATION

Initial Insulation Resistance		1000MΩ, 500VDC
Dielectric Strength		
Between coil and Contacts		5000VAC, 1minute
Between contacts sets		3000VAC, 1minute
Between open contacts		1000VAC, 1minute
Surge Voltage between		
Contacts and coil		10000V
Operate time (at nomi. Vot.)		15ms
Release time (at nomi. Vot.)		5ms
Humidity		98%, +40℃
Ambient temperature		-40 to +70℃
Shock Resistance	Functional	100m/s ²
	Destructive	1000m/s ²
Vibration Resistance		1.5mm, 10 to 55Hz
Termination		PCB
Unit weight		Approx. 18g
Dimensions (mm)		29x13x25.5
Construction		Sealed and Unsealed

COIL

Nominal coil power	0.55W
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TABLE

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC (at 20 °C)	Coil Resistance Tolerance: ±10% Ω
3	2.25	0.3	3.9	17
5	3.75	0.5	6.5	47
6	4.5	0.6	7.8	68
9	6.75	0.9	11.7	160
12	9.0	1.2	15.6	275
18	13.5	1.8	23.4	650
24	18.0	2.4	31.2	1100
48	36.0	4.8	62.4	4170
60	45.0	6.0	78	7000

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



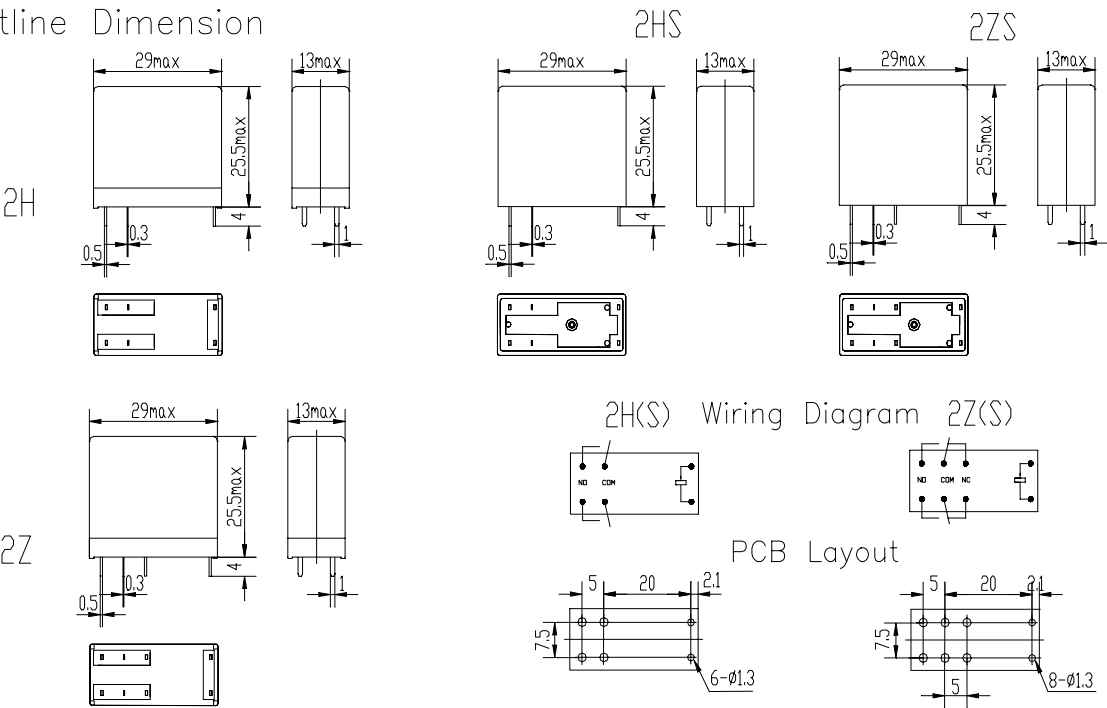
■ ORDERING INFORMATION

JZX-140FF / 012 — 2H S W

Coil voltage	Contact arrangement	Classification of type	SPECIAL TYPE
3,5,6,9,12,18,24 48,60VDC	2H: SPST-NO 2Z: SPDT	S: Sealed Nil: Unsealed	W: 1.5mm GAP ONLY N/O CONTACTS Nil: STANDARD

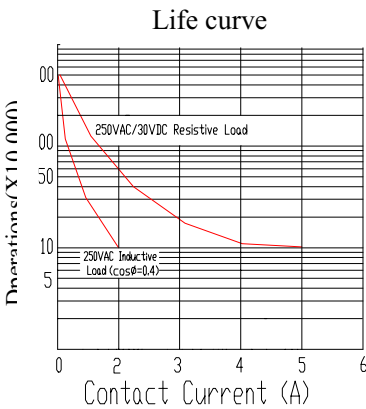
■ OUTLINE DIMENSIONS , WIRING DIAGRAM AND PC BOARD LAYOUT

Outline Dimension

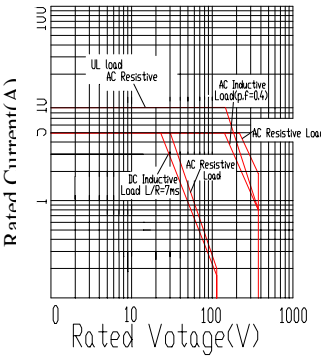


NOTE: SOCKETS AVAILABLES

■ USEFUL CURVES



Contact Switching Capacity



Temperature Rise

