



28×21.5×35.5

JZX-18FF

CQC 03001003515
R2133923 c US E158859

Features

- Small size, light weight, heavy reverse power.
- Optional mounting ways.
- Firm structure, strong anti-shock & anti vibration.
- Suitable for automatic control, telecommunication equipment, household electrical appliances and machinery electrical facilities.

Ordering Information

JZX-18FF 2C a DC12V 1 L
1 2 3 4 5 6

1 Part number: JZX-18FF	5 Cover: 1:1Mode; 2:2 Mode
2 Contact arrangement: 2A:2A; 2B:2B; 2C:2C; 3A:3A; 3B:3B; 3C:3C; 4A:4A;4B:4B;4C:4C	6 Coil transient suppression: L:with LED; D:with diode; LD:with LED & diode NIL:standard
3 Terminal: a: inserting type; b: PCB type	
4 Coil rated Voltage(V): AC:6,12,24,36,48,110,120,220 DC:6,12,24,36,48,110	

Contact Data

Contact Arrangement	2A (DPSTNO), 2B (DPSTNC), 2C (DPDT (B-M)) , 3A (3PSTNO), 3B (3PSTNC), 3C (3PDT (B-M)) , 4A:4A;4B:4B;4C (4PDT(B-M))
Contact Material	AgCdO Silver Alloy
Contact Rating (resistive)	2A,2B,2C&3A,3B,3C:5A/220VAC,28VDC; Heavy load:10A/220VAC,28VDC 4A,4B,4C:3A/220VAC,28VDC; Heavy load:5A/220VAC,28VDC
Max. Switching Power	280W 2500VA
Max. Switching Voltage	150VDC 380VAC Max.Switching Current:10A
Max. Resistance or Voltage drop	≤50mΩ Item 4.12 of IEC 61810-7
Operational life	Electrical 3A:5×10 ⁵ 5A:2×10 ⁵ 7A:1×10 ⁵ Item 4.30 of IEC 61810-7
	Mechanical 2×10 ⁷ Heavy load:1×10 ⁷ Item 4.31 of IEC 61810-7

Coil Parameter

Dash numbers	Coil voltage V		Coil resistance Ω ±10%	Rated current mA	Pick up voltage V(max) (80%of rated Voltage)	Release voltage V(min) (30%of rated voltage)	Coil power	Operate Time ms	Release Time ms
	Rated	Max.							
AC									
006AC	6	6.6	11.5	183.0	4.8	1.8	1.2VA	<25	<25
012AC	12	13.2	46	91.0	9.6	3.6			
024AC	24	26.4	184	46.0	19.2	7.2			
036AC	36	39.6	370	33.0	28.8	10.8			
048AC	48	52.8	735	24.0	38.4	14.4			
110AC	110	121	3750	11.0	88.0	33.0			
120AC	120	132	4550	9.8	96.0	36.0			
220AC	220	242	14400	4.2	176	66.0			
DC									
							10%of rated voltage		
006-900	6	6.6	40	150	4.8	0.6	0.9W	<25	<25
012-900	12	13.2	160	75	9.6	1.2			
024-900	24	26.4	640/650	36.9	19.2	2.4			
036-900	36	39.6	1500	24.5	28.8	3.6			
048-900	48	52.8	2600	18.5	38.4	4.8			
110-900	110	121	11000	10.0	88.0	11.0			

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.

Operation condition

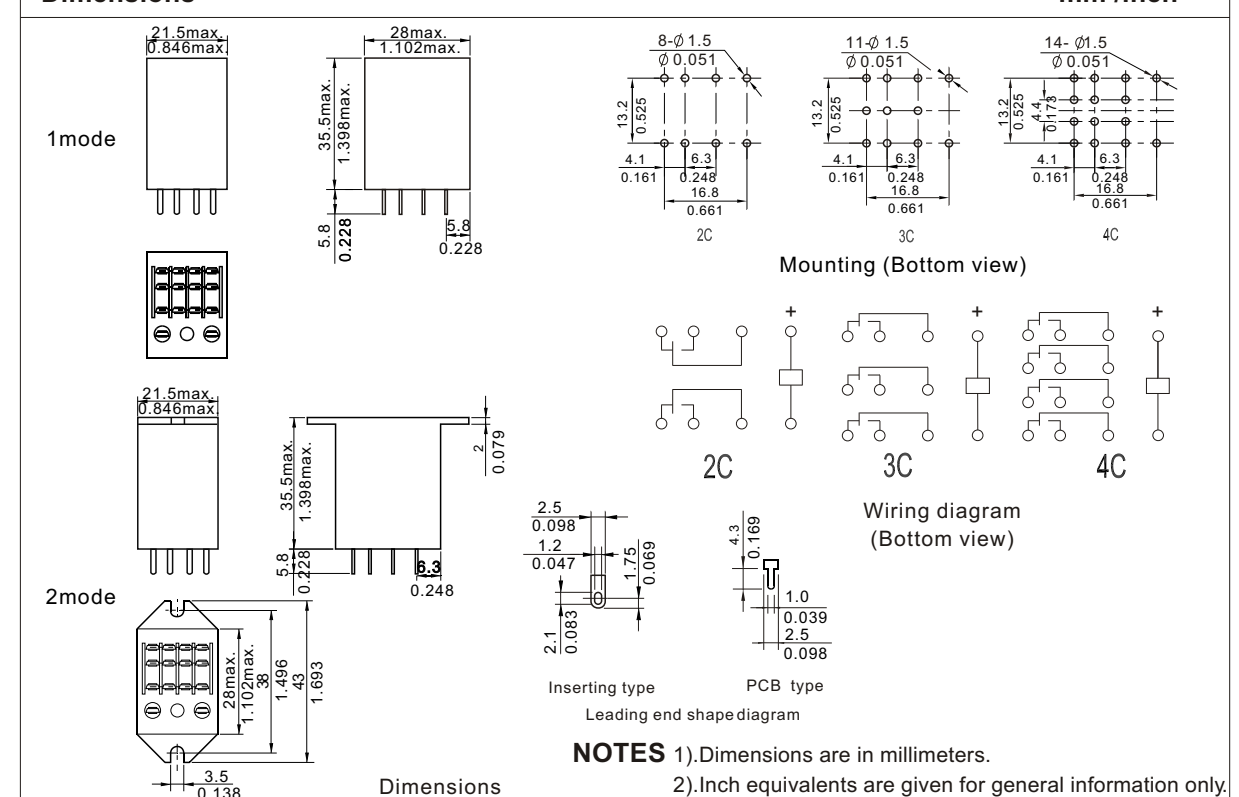
Insulation Resistance ¹⁾	1000MΩ min (at 500VDC)	Item 7 of IEC 61810-5
Dielectric Strength ¹⁾		
Between contacts	50Hz 1000V	Item 6 of IEC 61810-5
Between contact and coil	50Hz 1500V	Item 6 of IEC 61810-5
Shock resistance	100m/s ² 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~55Hz double amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	8N 4N(PC type)	IEC68-2-21 Test Ua2
Solderability	235℃ ±2℃ 3±0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-55~70℃	
Relative Humidity	85% (at 40℃)	IEC68-2-3Test Ca
Mass	37g	

Note: 1). When testing, coil terminals should be connected , if LED is installed in relay .

Safety approvals

Safety approval	UL&CUR	TU V	CQC
Load	4A,4B,4C:5A/220VAC,28VDC 2C,3C:10A/220VAC,28VDC	5A/220VAC,28VDC	5A/220VAC

Dimensions



Reference Data

