



28×21.5×35

J 7 X - 1 8 F F  
CH0050403—2000  
E169380 R2133923

**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 appliance and machinery electrical facilities.

**Ordering Information**

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

- 1 Part number : JZX-18FF  
2 Contact arrangement : 2A:2A ; 2B:2B ; 2C:2C ;  
3A:3A ; 3B:3B ; 3C:3C ; 4C:4C  
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  
5 Cover : 1:1Mode ; 2:2 Mode  
6 Lamp : L: With LED ; Nil: Without LED

**Contact Data**

Contact Arrangement 2A ( DPSTNO ) 2B ( DPSTNC ) 2C ( DPDT(B-M) )  
3A ( 3PSTNO ) 3B ( DPSTNC ) 3C ( 3PDT(B-M) ) 4C ( 3PDT(B-M) )  
Contact Material Ag·CdO Sieve Alloy  
Contact Rating 2A,2B,2C&3A,3B,3C:5A/220VAC,28VDC; Heavy load:7A/220VAC,28VDC  
(resistive) 4C:3A/220VAC,28VDC; Heavy load:5A/220VAC,28VDC  
Max. Switching Power 1250W 2500VA  
Max. Switching Voltage 150VDC 380VAC Max. Switching Current:7A  
Max. Resistance or Voltage drop ≤50m Item 3.12 of IEC255-7  
life | Electrical 3A:5 × 10<sup>5</sup> 5A:2 × 10<sup>5</sup> 7A:1 × 10<sup>5</sup> Item 3.30 of IEC255-7  
| Mechanical 2 × 10<sup>7</sup> Heavy load:1 × 10<sup>7</sup> Item 3.31 of IEC255-7

**Coil Parameter**

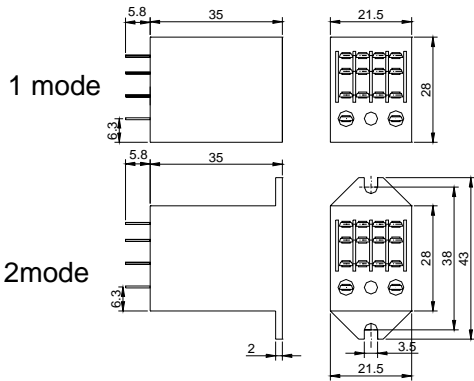
DASH NUMBERS	RATED VOLTAGE V		COIL RESISTANCE ±10%	RATED CURRENT mA	PICK UP VOLTAGE V(max) ( 80%of rated voltage )	RELEASE VOLTAGE (min) ( 30%of rated voltage )	COIL POWER	Operate Time ms	Release Time ms
	Rated	Max.							
	AC								
006AC	6	6.6	11.5	183.0	4.8	1.8	1.2VA	25	25
012AC	12	13.2	46	91.0	9.6	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.

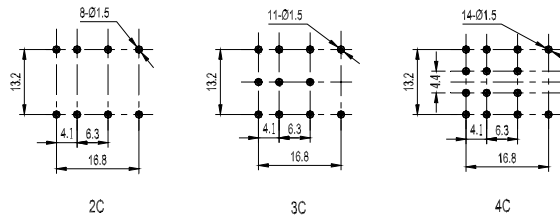
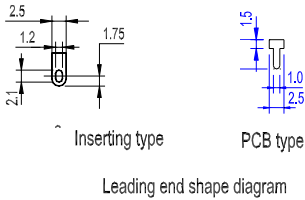
JZX-18FF

### Operation condition

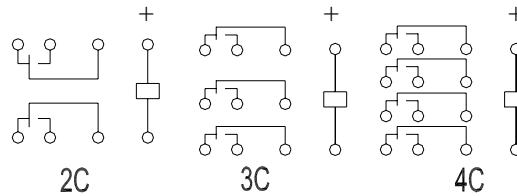
Insulation Resistance <sup>1)</sup>	1000M min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength <sup>1)</sup>		
Between contacts	50Hz 1000V	Item 6 of IEC255-5
Between contact and coil	50Hz 1500V	Item 6 of IEC255-5
Shock resistance	100m/s <sup>2</sup> 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~55Hz 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	-55~55	
Relative Humidity	85% (at 40 )	IEC68-2-3Test Ca
Mass	37g	



### Dimensions



### Mounting (Bottom views)



### Wiring diagram (Bottom views)

mm	inch
1.1	0.043
1.2	0.047
1.5	0.059
1.75	0.069
2	0.079
2.1	0.083
2.5	0.098
3.5	0.138
4.1	0.161
4.4	0.173
5	0.197
5.8	0.228
6.3	0.248
13.2	0.525
16.8	0.661
21.5	0.846
28	1.102
35	1.378
38	1.496
43	1.693