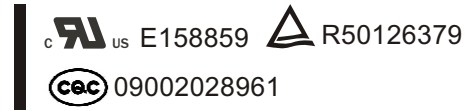


28×21.5×35.5



(Wash tight)
28×21.5×36.2

JZX-18FF



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: 2C:2C; 3C:3C; 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	2C (DPDT (B-M))、3C (3PDT (B-M))、4C (4PDT(B-M))		
Contact Material	AgCdO Ag Alloy		
Contact Rating (Resistive)	2C&3C:5A,7A/220VAC,28VDC; 7A/250VAC Heavy Load:10A/220VAC,28VDC 4C:3A/220VAC,28VDC; Heavy Load:5A/220VAC,28VDC		
Max. Switching Power	280W 2500VA		
Max. Switching Voltage	150VDC 300VAC	Max.Switching Current:10A	
Contact Resistance	≤50mΩ	Item 4.12 of IEC 61810-7	
Operational Life	Electrical	3A:5×10 ⁵ ; 5A:2×10 ⁵ ; 7A、10A: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(DC)

Dash numbers	Coil voltage V		Coil resistance Ω ±10%	Rated current mA	Pick-up voltage V(max) (80%of rated Voltage)	Drop-out voltage V(min) (10%of rated voltage)	Coil power	Operate time ms	Release time ms
	Rated	Max.							
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			

Coil Parameter(AC)

Dash numbers	Coil voltage V		Coil resistance $\Omega \pm 10\%$	Rated current mA	Pick-up voltage V(max) (80%of rated Voltage)	Drop-out voltage V(min) (30%of rated voltage)	Coil power	Operate time ms	Release time ms
	Rated	Max.							
006AC-1200	6	6.6	11.5	183.0	4.8	1.8	1.2VA	≤ 25	≤ 25
012AC-1200	12	13.2	46	91.0	9.6	3.6			
024AC-1200	24	26.4	184	46.0	19.2	7.2			
036AC-1200	36	39.6	370	33.0	28.8	10.8			
048AC-1200	48	52.8	735	24.0	38.4	14.4			
110AC-1200	110	121	3750	11.0	88.0	33.0			
120AC-1200	120	132	4550	9.8	96.0	36.0			
220AC-1200	220	242	14400	4.2	176	66.0			

Characteristics

Insulation Resistance ¹⁾	1000M Ω min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength ¹⁾		
Between Contacts	50Hz 1000V	Item 4.9 of IEC 61810-7
Between Contact and Coil	50Hz 1500V	Item 4.9 of IEC 61810-7
Shock Resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	8N 4N(PC type)	Item 4.24 of IEC 61810-7
Ambient Temperature	-55 $^{\circ}$ C~70 $^{\circ}$ C	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Mass	37g	Item 4.7 of IEC 61810-7

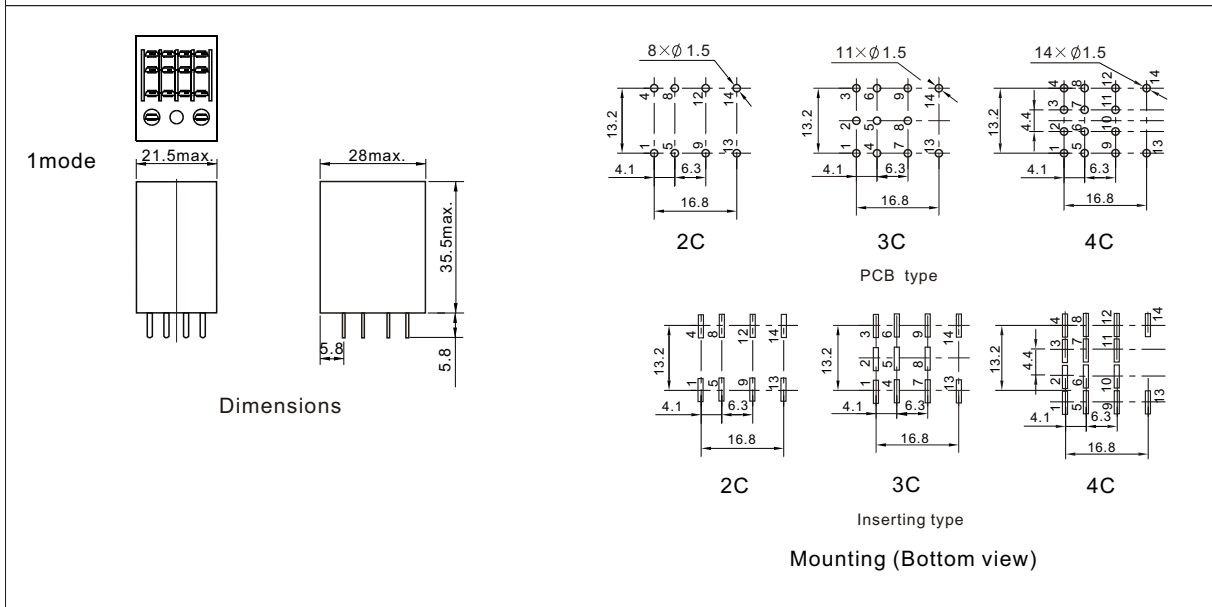
Note: 1). When testing, coil terminals should be connected , if LED is installed in relay .

Safety Approvals

Safety approval	UL&CUR	TÜ V	CQC
Load	4C:5A/220VAC,28VDC 2C,3C:10A/220VAC,28VDC	5A/220VAC,28VDC 7A/250VAC	5A/220VAC;7A/250VAC

Dimensions

mm



Dimensions

mm

2mode

21.5max

28max.

38

43

3.5

2

35.5max.

5.8

2.5

1.2

1.75

2.1

4.3

1.0

2.5

Inserting type

PCB type

Leading end shape diagram

Wash tight Dimensions

2C

3C

4C

Wiring diagram (Bottom view)

CAUTION: In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.

Reference Data

Operate Time

Coil Temperature Rise

Endurance Curve

Contact Switching Capacity