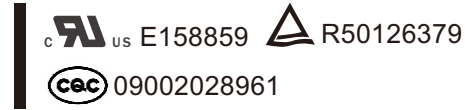




28×21.5×35.5
28×21.5×36.2(Wash tight)

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	AgSnO ₂ 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(AC)

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) (30%of rated voltage)	Coil power	Operate time ms	Release time ms
	Rated	Max.							
	AC								
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			
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

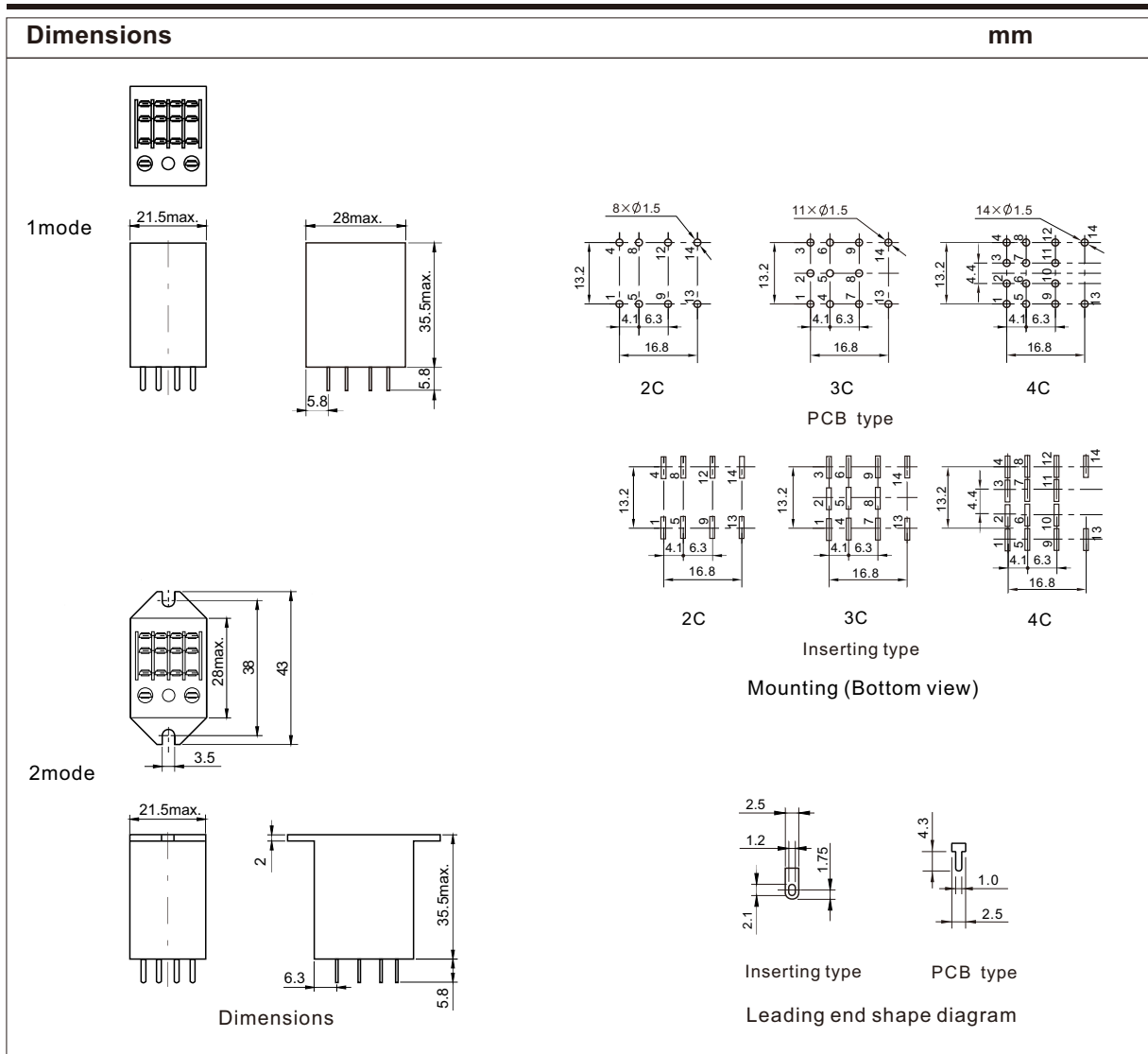
Characteristics

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	TU V	CQC
Load	4C:5A/220VAC,28VDC 2C,3C:10A/220VAC,28VDC	5A/220VAC,28VDC 7A/250VAC	5A/220VAC;7A/250VAC



FORWARD RELAYS

Dimensions
mm

Wash tight
Dimensions

Wiring diagram(Bottom view)

CAUTION: In case of no tolerance shown in outline dimension: outline dimension ≤ 1 mm, tolerance should be ± 0.2 mm ;
outline dimension > 1 mm and ≤ 5 mm, tolerance should be ± 0.3 mm; outline dimension > 5 mm, tolerance should be ± 0.4 mm.

Reference Data

Operate Time

Coil Temperature Rise

Endurance Curve

Contact Switching Capacity