

28×21.5×35.5
28×21.5×36.6(Wash tight)

JZX-18FF

UL E158859 R50126379
CCC 09002028961

Features

- Small size, light weight, heavy switching power.
- Optional mounting ways. With LED and with test button available.
- 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
2 Contact arrangement: 2C:2C; 3C:3C; 4C:4C
3 Terminal: a: Plug in 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 Coil transient suppression: L: with LED
D: with diode
LD: with LED & diode
NIL: standard

Contact Data

Contact Arrangement	2C (DPDT (B-M)), 3C (3PDT (B-M)), 4C (4PDT(B-M))	
Contact Material	Ag Alloy	
Contact Rating	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 2200VA	
Max. Switching Voltage	150VDC 300VAC	Max.Switching Current:10A
Contact Resistance	≤50mΩ	Item 4.12 of IEC 61810-7
Electrical Endurance	3A: 5×10 ⁵ ; 5A: 2×10 ⁵ ; 7A、10A: 1×10 ⁵	Item 4.30 of IEC 61810-7
Mechanical Endurance	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.							
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			

Coil Parameter(DC)

Dash numbers	Coil voltage V		Coil resistance Ω ± 10%	Pick-upvoltage 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	4.8	0.6	0.9W	≤25	≤25
012-900	12	13.2	160	9.6	1.2			
024-900	24	26.4	640/650	19.2	2.4			
036-900	36	39.6	1500	28.8	3.6			
048-900	48	52.8	2600	38.4	4.8			
110-900	110	121	11000	88.0	11.0			

Characteristics

Insulation Resistance ¹⁾	1000MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength ¹⁾ Between Contacts Between Contact and Coil	1000VAC 1min 1500VAC 1min	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℃~70℃	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Weight (Approx.)	37g	Item 4.7 of IEC 61810-7

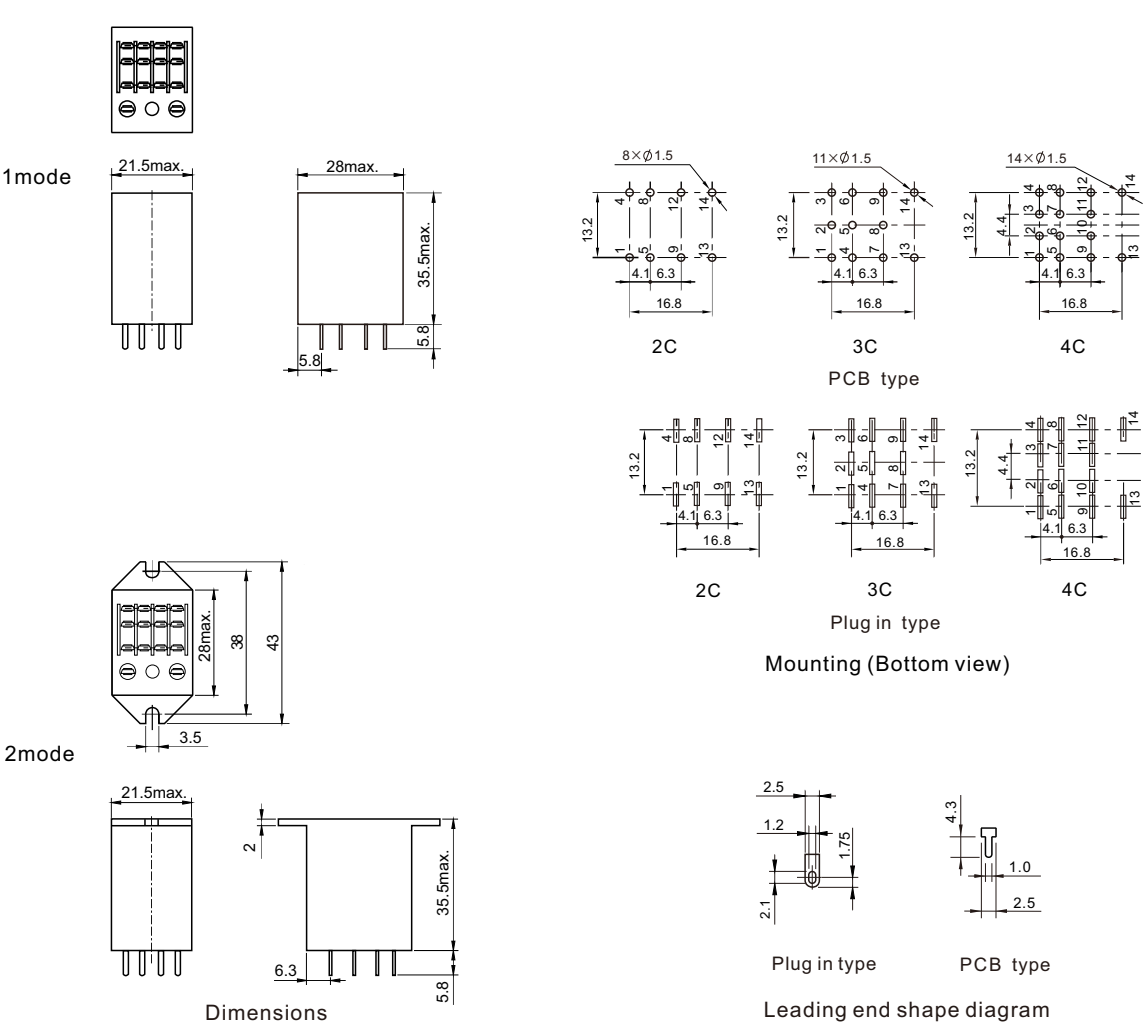
Note: 1). When testing, coil terminals should be connected , if LED is installed in relay .

Safety Approvals

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

Dimensions

mm



FORWARD RELAYS

