

28×21.5×35.5

JZX-18FF

CQC 03001003515

R50126379 E169380

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
2 Contact arrangement: 2A:2A; 2B:2B; 2C:2C;
3A:3A; 3B:3B; 3C:3C; 4A:4A;4B:4B;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 Coil transient suppression: L:with LED;
D:with diode;
LD:with LED & diode
NIL:standard

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 Between contact and coil	 50Hz 1000V 50Hz 1500V	 Item 6 of IEC 61810-5 Item 6 of IEC 61810-5
Shock resistance	100m/s² 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	

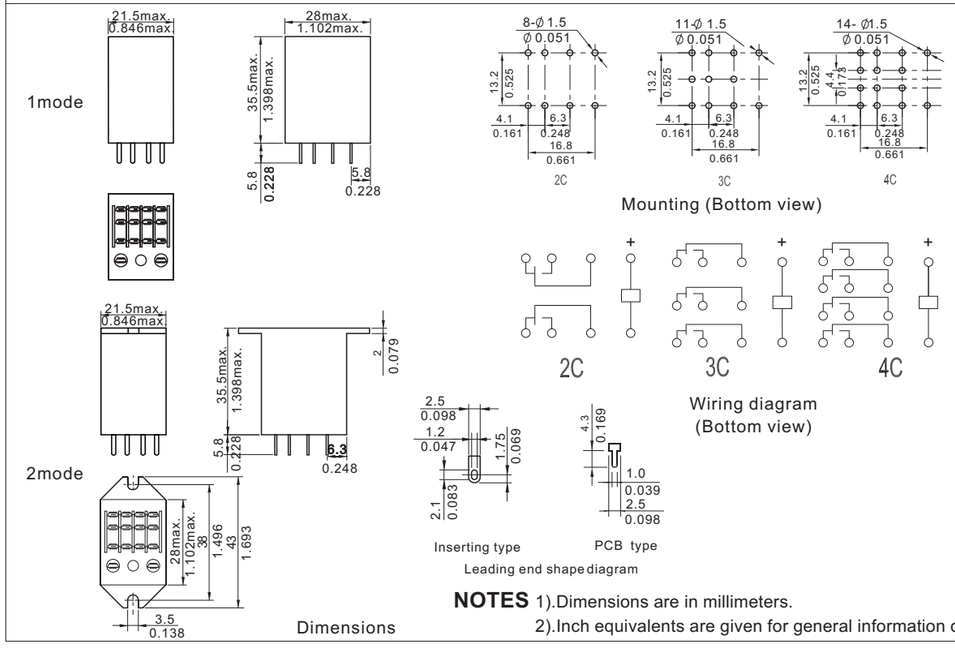
Note: 1). When testing, coil terminals should be connected , if LED is installed in relay .

Safety approvals

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

Dimensions

mm /inch



NOTES 1).Dimensions are in millimeters.
2).Inch equivalents are given for general information only.

Reference Data

