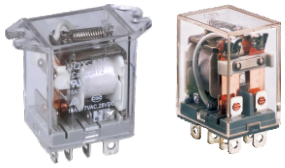


28(43)×21.5×35.5

JQX-13F

c UL us E160644 R50126378
CQC 10002045756

Features

- Small size, light weight, heavy switching 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

JQX-13F 2C a DC12V 1 L
1 2 3 4 5 6

1 Part number: JQX-13F
2 Contact arrangement: 2A:2A；2B:2B；
1C:1C；2C:2C
3 Terminal: a:inserting type；b:PCB type
4 Coil rated voltage(V): AC: 6,12,24,36,48,110,120,220,240
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 Material		$AgSnO_2$ AgCdO	
Contact Arrangement		1C (SPDT(B-M))	2A (DPSTNO) 2B (DPSTNC) 2C (DPDT(B-M))
Contact Rating	Resistive	15A, 20A/277VAC,28VDC	10A/277VAC;12A/250VAC,28VDC
	Motor Load	1/3 HP 120VAC 240VAC	1/3 HP 120VAC 240VAC 1/2HP 125VAC
Max. Switching Voltage		30VDC 300VAC	
Max. Switching Power		560W 5540VA	Max. Switching Current:20A
Contact Resistance		≤50mΩ	Item 4.12 of IEC 61810-7
Operational Life	Electrical	1×10^5	Item 4.30 of IEC 61810-7
	Mechanical	2×10^7	Item 4.31 of IEC 61810-7

Coil Parameter(DC)

Dash numbers	Coil voltage V		Coil resistance Ω ± 10%	Pick-up voltage V(max) (80%of rated voltage)	Drop-out voltage V(min) (10%of rated voltage)	Coil power W	Operate time ms	Release time ms
	Rated	Max.						
006-900	6	6.6	40	4.8	0.6	0.9	≤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	1440	28.8	3.6			
048-900	48	52.8	2600	38.4	4.8			
110-900	110	121	11000	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.

Coil Parameter(AC)

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 VA
	Rated	Max.					
006AC-1200	6	6.6	11.5	183.0	4.8	1.8	1.2
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	320	33.0	28.8	10.8	
048AC-1200	48	52.8	735	24.0	38.4	14.4	
110AC-1200	110	121	3900	11.0	88.0	33.0	
120AC-1200	120	132	4550	9.8	96.0	36.0	
220AC-1200	220	242	14400	5.5	176	66.0	
240AC-1200	240	312	19000	4.2	192	72.0	

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.

Characteristics

Insulation Resistance[1)]	1000MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength[1)] Between Contacts Between Contact and Coil	 50Hz 1000V 50Hz 1500V	 Item 4.9 of IEC 61810-7 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	-40℃~70℃	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Mass	37g	Item 4.7 of IEC 61810-7

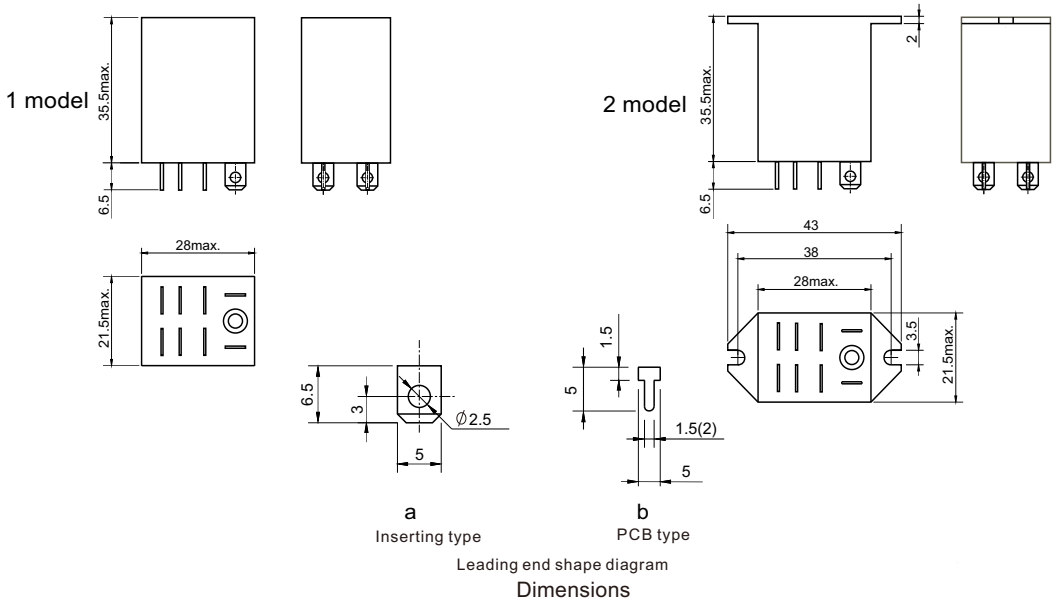
Note: 1). When testing, coil terminals should be connected , if LED is installed in relay .

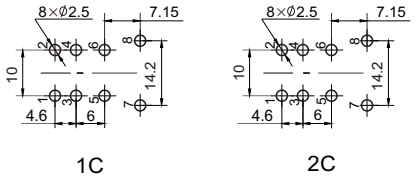
Safety Approvals

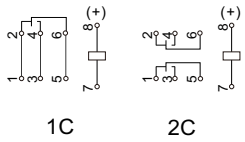
Safety approval	UL&CUR	TÜV	CQC
Load	1C:20A/277VAC,28VDC ⅓HP120VAC,240VAC 2A,2B,2C: 10A/277VAC,12A/250VAC,28VDC ½HP 125VAC ⅓HP120VAC,240VAC	10A/277VAC,28VDC	10A/277VAC 10A/220VAC

Dimensions

mm







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

Reference Data