

FL-22F-4C

General Purpose Relay

RU _{us} E173485
28×21.5×35



- 4 pole configuration
- Au-clad contact available
- Conform to RoHS,ELV directive

CONTACT DATA

Contact Form	4Z
Contact Material	Silver Alloy
Load	Resistive load(COS Φ=1)
Contact Ratings	5A 240VAC 5A 28VDC
Minimum load	100mA 5VDC
Max Switching Voltage	240VAC/28VDC
Max Switching Current	5A
Max Switching Power	1200VA/140W
Contact Resistance	100mΩ Max at 6VDC 1A
Electrical	100,000 Operations(at30Operations/minute)
Mechanical	10,000,000 Operations(at300Operations/minute)

CHARACTERISTICS DATA

Insulation Resistance	100MΩ Min at 500VDC
Between Open Contacts	1000VAC(for one minute)
Between Contacts and Coil	1500VAC(for one minute)
Operate Time	25ms
Release Time	25ms
Shock Resistance	-40℃to+70℃
Vibration Resistance	Operating Extremes: 20G
	Damage Limits: 100G
Max. switching frequency	10-55Hz, 1.5mm
Humidity	Mechanical: 18,000operations/hr Electrical: 1,800operations/hr
Weight	40-85%
Shock Resistance	Approx 35g

APPROVED STANDARDS

UL & cUL	5A 240VAC 5A 28VDC
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COIL DATA

at 20℃

Coil Power 0.9W

Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
5	178.5	3.75	0.5	28
6	150	4.5	0.6	40
12	75	9	1.2	160
24	37.5	18	2.4	640
48	18.75	36	4.8	2560
110/120	10	82.5	11	11000

Coil Power 1.2VA

Nominal Voltage (VAC)	Max Operate Voltage (VAC)	Min Release Voltage (VAC)	Coil Resistance (Ω ±10%)
6	4.8	1.2	11.5
12	9.6	2.4	46
24	19.2	4.8	180
48	38.4	9.6	735
110/120	96	22	4550
220/240	176	44	14400

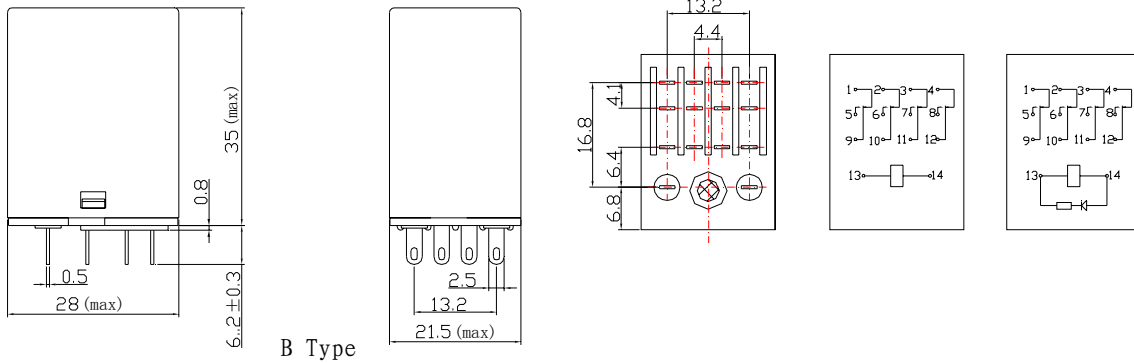
- 5-24VDC/6-48VAC Coil Resistance Tolerance ± 10%,
48-110VDC/110-240VAC Coil Resistance Tolerance ± 15%.

OPDERING CODE

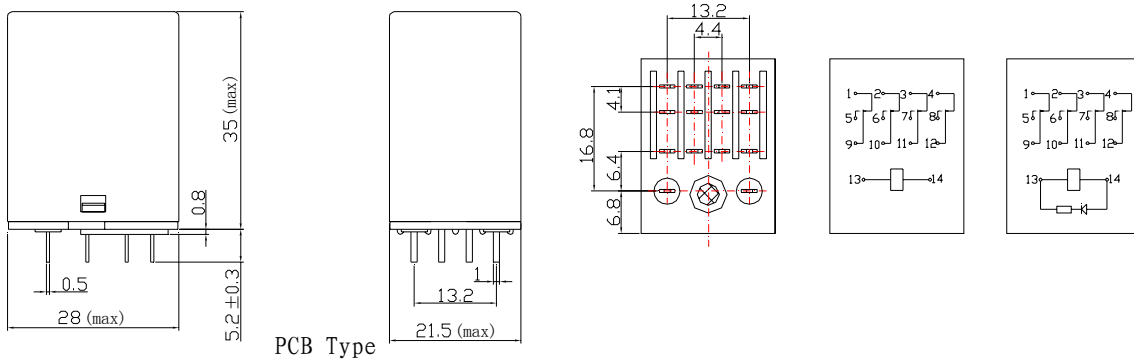
<u>HJQ-22F-4Z (P) -1-F-D / 12VDC</u>						
1	2	3	4	5	6	7
1. Relay Model						
2. Contact Form 4Z: Form 4C						
3. P:PCBType Nil: B Type						
4. Bifurcated moving spring						
5. With Flange for 38mm pitch hole						
6. With LED						
7. Coil Nominal Voltage 5,6,12,24,48,110VDC 6,12,24,48,110,120,220/240VAC						



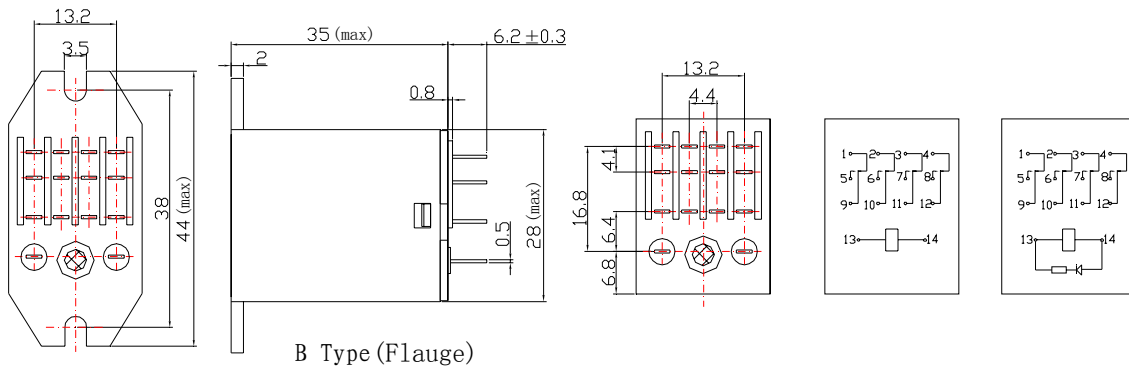
OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT



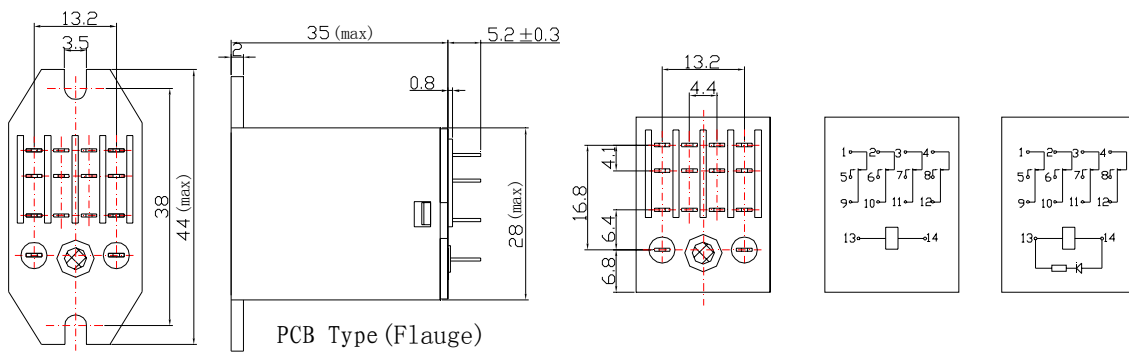
B Type



PCB Type



B Type (Flauge)



PCB Type (Flauge)

