



Industrial & Electrical Components

Power Relay

Part No.

JQX-62F



1Z



2Z

- Easy to install.
- Long service life.
- Wide application.
- Switching capacity up to 80A(2Z) and 100A(1Z).

CONTACT

Arrangement	1 H, 1B, 1Z, 2H, 2B, 2Z.
Contact Material	Silver Alloy
Contact Resistance	
(By voltage drop 6V 1A)	Max.100mΩ
Rating	
Resistive load	100A/ 30VDC ,250VAC(1Z)
(Cos.Φ=1)	80A/ 30VDC ,250VAC(2Z)
Motor Inrush	
Max. Allowable Voltage	30VDC 250VAC
Max. Allowable Current	80A(1Z),100A(2Z)
Max. Allowable Power	3KW 25KVA(1Z),2.4KW 20KVA(2Z),
Service life	
Electrical	10 ⁵
Mechanical	10 ⁷

CHARACTERISTICS

Operate Time	Max.25ms
Release Time	Max.25ms
Dielectric Strength	
Between contacts	1500VAC/1Min(at 1mA,50 Hz)
Between contact and coil	2500VAC/1Min(at 1mA,50 Hz)
Insulation Resistance	Min.500MΩ (500 VDC)
Ambient temperature	-55 ~ +70℃
Humidity	35%~80%
Shock Resistance	10G 11ms
Vibration Resistance	10 ~ 55 Hz D.A. of 1.0mm
Unit Weight	210g(1Z),330g(2Z)

ORDERING INFORMATION

e.g

HHC71F(JQX-62F) - 1Z - 12VDC

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① Series : Power relays series

② Part No. : HHC71F(JQX-62F)

③ Contact Arrangement : 1 H, 1B, 1Z, 2H, 2B, 2Z.

④ Coil Rated Voltage(V) : DC : 6, 9, 12, 24,36,48,110,220.

AC : 6, 9, 12, 24,36,48,110,220,380.

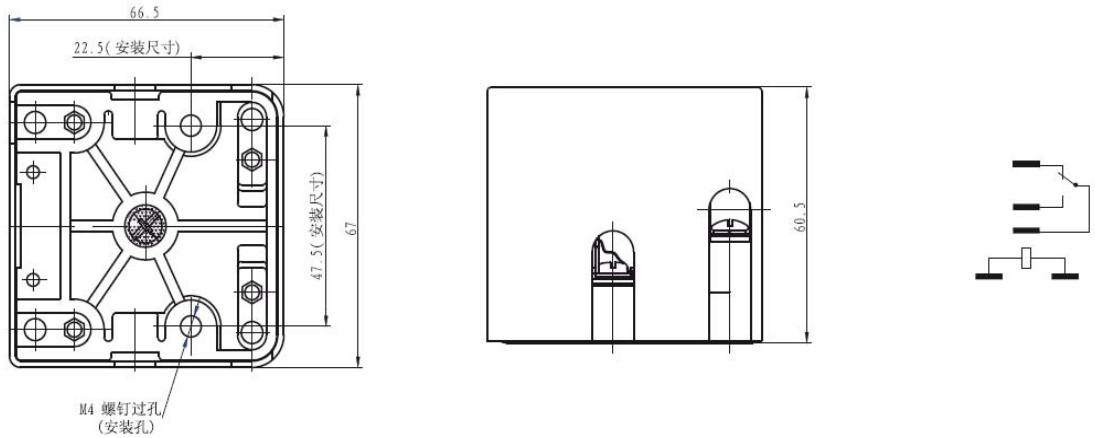
COIL DATA

Nomina I Voltage (VDC)	Pick-up Voltage VDC(Max)	Drop-out Voltage VDC(Min)	Coil Resistance (Ω) \pm 10% (Coil power:2.0W)	Max.Allowable(110%) Voltage
6	4.5	0.6	18.0	6.6
9	6.8	0.9	40.5	9.9
12	9.0	1.2	72.0	13.2
24	18.0	2.4	288.0	26.4
48	36.0	4.8	1152.0	52.8
110	82.5	11.0	6050.0	121
220	165.0	22	24200.0	242

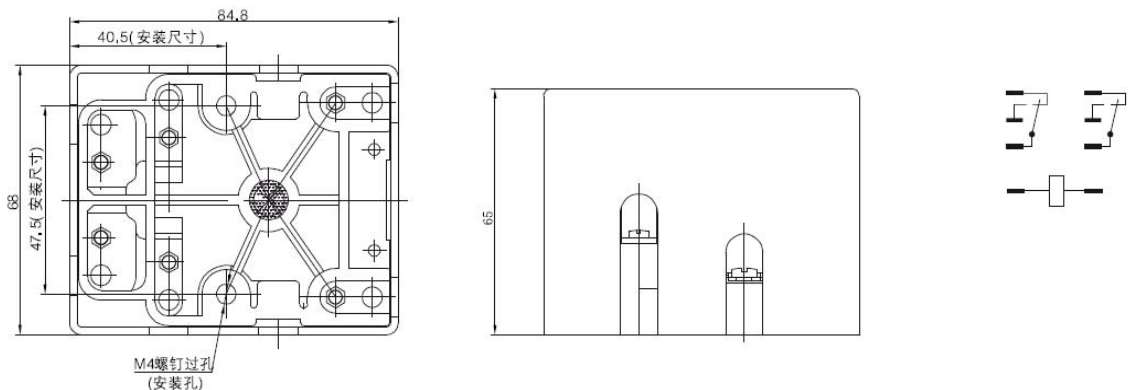
Nomina I Voltage (VAC)	Pick-up Voltage VAC(Max)	Drop-out Voltage VAC(Min)	Coil Resistance (Ω) \pm 10% (Coil power:10VA)	Max.Allowable(110%) Voltage
6	4.8	1.8	1.3	6.6
9	7.2	2.7	2.8	9.9
12	9.6	3.6	5.0	13.2
24	19.2	7.2	20.2	26.4
48	38.4	14.4	80.6	52.8
110	88.0	33.0	423.5	121
220	176.0	66.0	1694.0	242
380	304.0	114	5054.0	418

DIMENSIONS (Unit: mm)

HHC71F(JQX-62F)-1Z

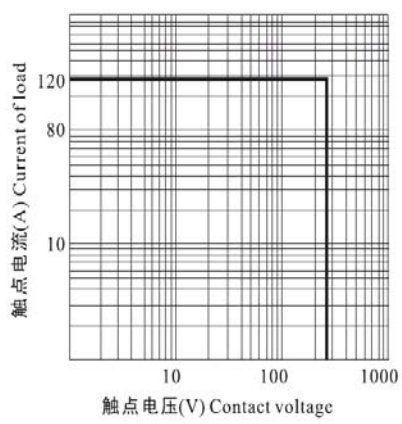


HHC71F(JQX-62F)-2Z

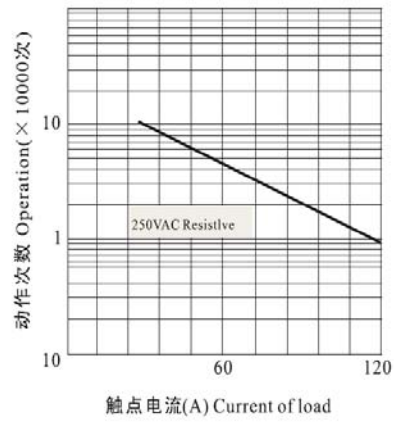


REFERENCE DATA:

最大切换功率Max.Operating Power



寿命曲线 Life Expectancy



线圈温升 Coil Temp.Rise

