

# Heavy Duty Relay JQX-30F 2C



## ORDERING CODE

**JQX 30F 2C 12VDC**

①                      ②                      ③

- ① Relay Model Dimension(mm) 38×36×48
- ② Contact Arrangement 2A, 2B, 2C
- ③ Coil Type DC 12, 24, 110, 220V  
AC 12, 24, 48, 110, 220, 240V

## COIL DATA 1

Rated voltage	6~110VDC 6~240VAC
Coil rated power(on 20°C)	DC ≤2.5W AC ≈4VA

## GENERAL DATA

(LxWxH) Outline Dimensions	38 × 36 × 48 mm
Contact Arrangement	2A, 2B, 2C
Contact Rating	30A 250VAC/28VDC
Contact Resistance or Voltage drop	≤100mΩ
Max. Switching Power	1120W 10000VA
Max. Switching Voltage	100VDC 380VAC
Max. Switching Current	30A
Mechanical Operation life	1x 10 <sup>7</sup>
Electrical Operation life	1 x 10 <sup>5</sup>
Coil Power Consumption	DC : 2.6W AC : 4.0VA
Coil Rated Voltage	6~220VDC 6~380VAC
Pickup voltage	75%(DC) rated voltage ,80%(AC) rated voltage
Release voltage	10%(DC) rated voltage ,30%(AC) rated voltage
action time	≤20ms
release time	≤20ms
VDC(max) Coil Max Voltage VDC	120% rated voltage
Insulation Resistance	1000 MΩ (at 500V)
Dielectric Strength	
(Between contacts)	1500VAC
(Between contact and coil)	1500VAC
Shock Resistance	10G
Vibration resistance	10~55Hz 10G double amplitude 1.5mm
Ambient Temperature	-40 ~ +60 °C
Relative Humidity	85%(at 40 °C)
Mass	≤130g

### COIL DATA 2

Coil type	Standard voltage	Coil resistance $\pm 10\%$	Pick up voltage	Drop up voltage
DC	12	57.6	9.6	1.2
	24	230	19.2	2.4
	110	4840	88	11
	220	19400	176	22
AC	12	11.2	9.6	3.6
	24	45	19.2	7.2
	48	100	38.4	14.4
	110	940	88	33
	220	3764	176	66
	240	5050	192	72

### OVERALL AND MOUNTING DIMENSIONS

