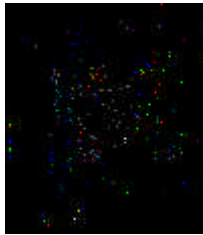


## General Purpose Relays : JQX-14Fc3



CE E9930952E0

CH0050405-2000

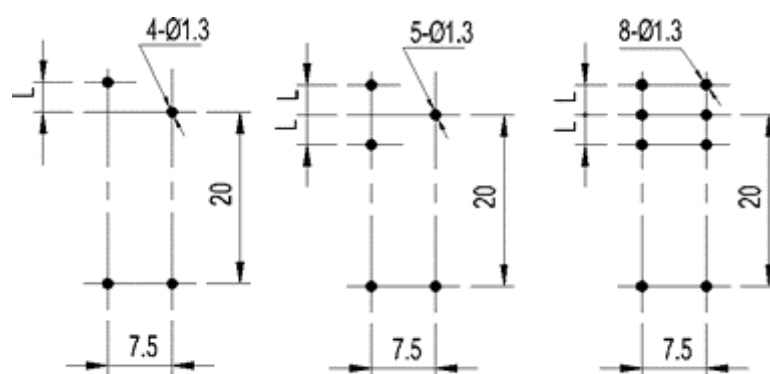
E158859 R2033977.01

### Features:

- Heavy load, suitable for heavy power reverse.
- Small size, suitable for high-density mounting.
- Up to 5000VAC dielectric strength. Between open contacts of JQX-14Fc3 3000VAC dielectric strength.
- Contact gap of JQX-14Fc3 :2\*1.55mm
- Suitable for remote control TV set, copy machine, sales machine and air conditioner etc.

### Details parameters:

|                                    |                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outline Dimensions                 | 29 × 12.8 × 26 mm                                                                                                                                                       |
| Contact Arrangement                |                                                                                                                                                                         |
| (China)                            | ; 2H,2Z                                                                                                                                                                 |
| (International)                    | 2A,2C                                                                                                                                                                   |
| Contact Rating                     | <b>1A:</b> 20A/220Vac 30Vdc(just for 5mm pin space)<br><b>1C:</b> 10A. 16A. 20A/200Vac 30Vdc(20A½δ105mm½Å¾à)<br><b>2A:</b> 8A/220ac 30Vdc<br><b>2C:</b> 6A/220Vac 30Vdc |
| Contact Resistance or Voltage drop | <=50 mΩ                                                                                                                                                                 |
| Max. Switching Power               | 2A: 2500VA 2C: 1500VA                                                                                                                                                   |
| Max. Switching Voltage             | 380Vac                                                                                                                                                                  |
| Max. Switching Current             | 20A                                                                                                                                                                     |
| Mechanical Operation life          | 1 × 10 <sup>6</sup>                                                                                                                                                     |
| Electrical Operation life          | 1 × 10 <sup>5</sup>                                                                                                                                                     |
| Coil resistance                    | 0.53W 0.8W                                                                                                                                                              |
| Coil Rated Voltage                 | 6, 9, 12, 15, 24, 36, 48 Vdc                                                                                                                                            |
| Pickup voltage VDC(max)            | 75% rated voltage                                                                                                                                                       |
| Release voltage VDC(min)           | 10% rated voltage                                                                                                                                                       |
| Operate Time                       | <=10ms                                                                                                                                                                  |
| Release Time                       | <=5ms                                                                                                                                                                   |
| Coil Maximum Voltage VDC           | 110 ~ 130% rated voltage                                                                                                                                                |
| Insulation Resistance              | 1000 MΩ (at 500V)                                                                                                                                                       |
| Dielectric Strength                |                                                                                                                                                                         |
| (Between contacts)                 | 50Hz, 1000V                                                                                                                                                             |
| (Between contact and coil)         | 50Hz, 4000V Compact Voltage 12KV                                                                                                                                        |
| Shock Resistance                   | 10G 11ms                                                                                                                                                                |
| Vibration resistance               | 10 ~ 55Hz double amplitude 1.5mm                                                                                                                                        |
| Ambient Temperature                | -25 ~ 70 °C                                                                                                                                                             |
| Relative Humidity                  | 85% (at 40°C)                                                                                                                                                           |
| Mass                               | 20 g                                                                                                                                                                    |
| Cross Reference                    | <b>OMRON :</b> G2R<br><b>TAKAMISAWA :</b> VS,VB                                                                                                                         |

**Mounting layout (bottom view):**

Pole-Distance L: 3.5mm or 5mm

**Wiring diagram:**