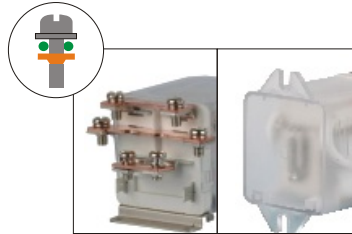


## POWER RELAY



**JQX-120F 1Z**



**JQX-120F JQX-120FS**

### Contact specification

Contact form	1Z, 1H, 1D
Contact resistance	$\leq 100\text{m}\Omega$ ( 1A 6VDC )
Contact material	AgCdO AgSnO <sub>2</sub>
Contact capacity	100A 250VAC/30VDC

### Technical specification

Insulation resistance	$\geq 1000\text{M}\Omega$ ( 500VDC )
Dielectric strength	Between coil and contact $\geq 2500\text{VAC}$ 1min
	Between open contact $\geq 1200\text{VAC}$ 1min
Operate / Release time	$\leq 40\text{ms}/25\text{ms}$
Terminal type	Screw mounting

### DC Coil data

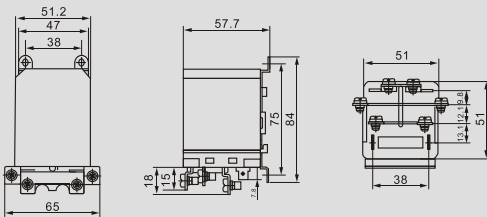
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	$\Omega \pm 10\%$
6	4.8	0.6	10
12	9.6	1.2	40
24	19.2	2.4	160
48	38.4	4.8	640
110	88.0	11.0	3360

### AC Coil data

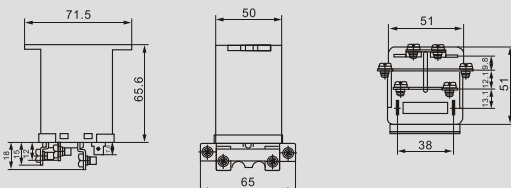
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VAC	VAC	VAC	$\Omega \pm 10\%$
6	4.8	1.8	8.2
12	9.6	3.6	32.7
24	19.2	7.2	130
48	38.4	14.4	523.6
220/240	176.0	72.0	11000/13090

### Outline dimension, Mounting holes (Bottom view), Wiring diagram (Bottom view)

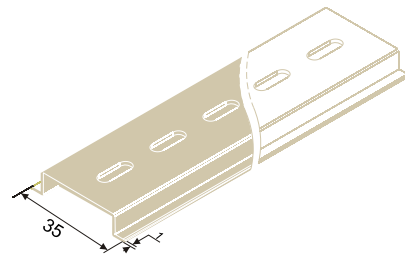
JQX-120F 1Z: Outline dimension



JQX-120FS 1Z: Outline dimension (flange mounting type)



Din rail type



**Connector**

### Coil specification

Rated coil power	DC3.6W AC4.4VA
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Wiring diagram (Bottom view)

