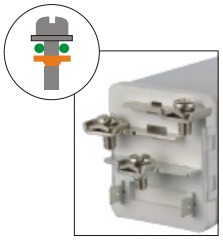
POWER RELAY

JQX-59F 1Z



JQX-59F 1Z

Contact specification

Contact form	1Z、1H、1D
Contact resistance	≤100mΩ（1A 6VDC）
Contact material	AgCdO $AgSnO_2$
Contact capacity	80A 250VAC 30VDC

Technical specification

Insulation resistance	≥1000MΩ（500VDC）
Dielectric strength	Between coil and contact≥2500VAC 1min
	Between open contact≥1200VAC 1min
Operate / Release time	≤40ms/25ms
Terminal type	Screw mounting

Coil specification

Rated coil power	DC3.6W AC4.4VA

DC Coil data

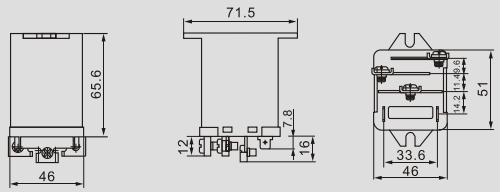
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
6	4.8	0.6	10
12	9.6	1.2	40
24	19.2	2.4	160
48	38.4	4.8	640
110	88.0	11.0	3360

AC Coil data

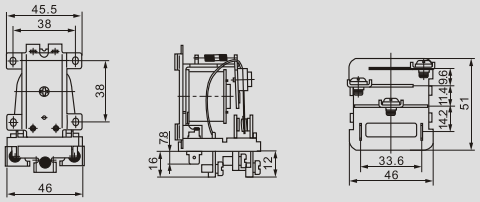
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VAC	VAC	VAC	Ω ± 10%
6	4.8	1.8	8.2
12	9.6	3.6	32.7
24	19.2	7.2	130
48	38.4	14.4	523.6
220/240	176.0	72.0	11000/13090

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

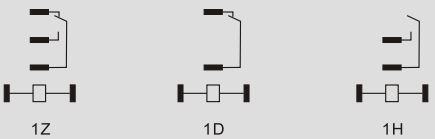
JQX-59F 1Z: Outline dimension(standard type)　Mounting holes (Bottom view)



JQX-59F 1Z: Outline dimension(flange mounting type)　Mounting holes (Bottom view)

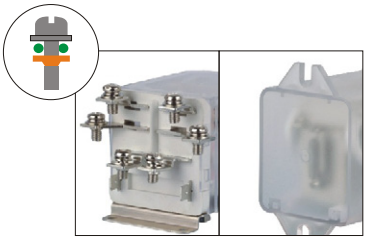


JQX-59F 1Z Wiring diagram(Bottom view)



POWER RELAY

JQX-59F 2Z 60A



JQX-59F 2Z JQX-59FS

Contact specification

Contact form	2Z、2H、2D
Contact resistance	≤100mΩ（1A 6VDC）
Contact material	AgCdO $AgSnO_2$
Contact capacity	60A 250VAC/30VDC，100A 250VAC/ 30VDC

Technical specification

Insulation resistance	≥1000MΩ（500VDC）
Dielectric strength	Between coil and contact≥2500VAC 1min
	Between open contact≥1200VAC 1min
Operate / Release time	≤40ms/25ms
Terminal type	Screw mounting

Coil specification

Rated coil power	DC3.6W/AC4.4VA

DC Coil data

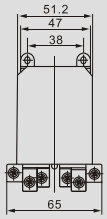
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
6	4.8	0.6	10
12	9.6	1.2	40
24	19.2	2.4	160
48	38.4	4.8	640
110	88.0	11.0	3360

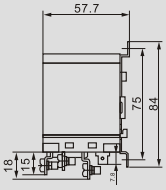
AC Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VAC	VAC	VAC	Ω ± 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

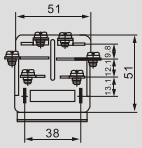
Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

JQX-59F-2Z: Outline dimension

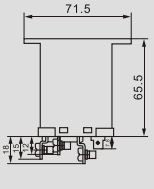


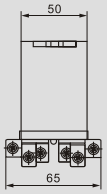


Mounting holes (Bottom view)

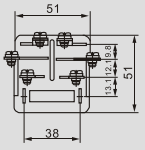


JQX-59FS-2Z: Outline dimension(flange mounting type)

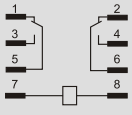




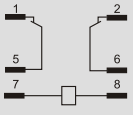
Mounting holes (Bottom view)



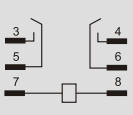
JQX-59F-2Z Wiring diagram(Bottom view)



2Z



2D



2H