



32.4 × 27.5 × 20.5

T90(JQX-15FA)



Features

- Small size, light weight. Low coil power consumption, heavy contact load. Strong anti-shock and anti-vibration, high reliability, long life.
- Suitable for automobile, machine, electronic equipment, air conditioner and household appliances applications.
- PC board mounting and direct insert mounting available.

Ordering Information

JQX-15FA C S 40 DC12V

1 Part number : JQX-15FA(T90)
 2 Contact arrangement : A:1A ; B:1B ; C:1C
 3 Enclosure : S:Sealed type ; NIL:Dust cover

4 Contact current : 30,40A
 5 Coil rated voltage(V) : DC:3,4.5,5,6,9,12,24,36,48

Contact Data

Contact Arrangement	1A (SPSTNO)、1B (SPSTNC)、1C (SPDT(B-M))		
Contact Material	AgCdO		
Contact Rating (resistive)	30A/40A 240VAC		
Max. Switching Power	9600VA		
Max. Switching Voltage	110VDC	380VAC	Max. Switching Current:40A
Contact Resistance or Voltage drop	<100m Ω		
Operational life	Electrical	10 ⁵	
	Mechanical	10 ⁷	

Coil Parameter

Dash numbers	Coil voltage V		Coil resistance Ω ±10%	Pick up voltage VDC(max) (75% of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power W	Operate Time ms	Release Time ms
	Rated	Max.						
003-900	3	3.9	10	2.25	0.3	0.9	<15	<10
005-900	5	6.5	28	3.75	0.5			
006-900	6	7.8	40	4.50	0.6			
009-900	9	11.7	90	6.75	0.9			
012-900	12	15.6	160	9.00	1.2			
015-900	15	19.5	250	10.25	1.5			
018-900	18	23.4	360	13.50	1.8			
024-900	24	31.2	640	18.00	2.4			
048-900	48	62.4	2560	36.00	4.8			
110-900	110	143	13445	82.50	11.0			

CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
 2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

Insulation Resistance	250M Ω min (at 500VDC)
Dielectric Strength	50Hz 750V
Between contacts	50Hz 1500V
Between contact and coil	50Hz 1500V
Shock resistance	100m/s ² 11ms
Vibration resistance	10~55Hz double amplitude 1.5mm
Terminals strength	5N
Solderability	235 °C ± 2°C 3 ± 0.5s
Ambient Temperature	-55~85°C
Relative Humidity	93% (at 40 °C)
Mass	10.5g

Dimensions

mm /inch

