



Features:

- Microminiature relay, 12A switching capability;
- Low coil power consumption;
- Standard PCB terminals.

Typical Applications:

- Home appliances such as air-conditioner, Heater etc;
- Automat;
- Office equipment such as computer, fax machine etc;
- Automatic electric controlled window, automotive antenna etc.

Safety Approval:

TUV File No.: R 50187585



Contact Data

Contact Form		1A、1B、1C
Contact Material		Silver Alloy
Switching Capacity (Resistive Load)	12A 125VAC 12A 28VDC 10A 250VAC 7A 250VAC	
Max. switching power		336W 2500VA
Max. switching voltage		110VDC 380VAC
Max. switching current		15A
Contact Resistance		$\leq 100\text{m}\Omega$
Endurance	Electrical	1×10^5
	Mechanical	1×10^7

Coil Data

Coil Voltage (VDC)	Coil Resistance (Ω) $\pm 10\%$	Max. Allowable Voltage	Pick-up Voltage (max)	Drop-out Voltage (min)	Coil power	Operate time (ms)	Release time (ms)
3	25	130% of coil voltage	75% of coil voltage	10% of coil voltage	Approx 0.36W	≤ 10	≤ 5
5	70						
6	100						
9	225						
12	400						
24	1600						
48	6400						

Characteristic Data

Initial insulation resistance		250M Ω min(at DC500V)
Initial dielectric strength	Between open contacts	50/60Hz AC750V
	Between coil and contact	50/60Hz AC1500V
Shock resistance		100m/s ² 11ms
Vibration resistance		10~55Hz at double amplitude of 1.5mm
Terminal Strength		5N

Solderability	235℃±2℃ 3±0.05s
Ambient Environment	-40~85℃
Unit weight	10g

Safety Approval Ratings

Approval	TUV
File No.	R 50187585
Approved ratings	12A 125VAC / 12A 28VDC / 7A 250VAC

Ordering information

QX73

C

S

10

DC12V

0.36

Coil Power: 0.36-0.36W;

Coil Voltage: DC3V、DC5V、DC6V、DC9V、DC12V、DC24V、DC48V

Contact Loaded Current: 7-7A; 10-10A; 12-12A

Protective Construction: Nil-dust cover; S-sealed & washable;

Contact Form: A-1A; B-1B; C-1C

Type Designation: QX73

Outline Dimensions, Mounting, Wiring Diagram (Unit: mm)

19.5

15.3

3.9±0.3

12.2

2

1.4

2x1x0.4

2x0.6x0.6

16.5

12

1x0.3

Dimensions

2

12

6

12.2

5-ø1.3

MOUNTING

(Bottom views)

1A

1B

1C

Wiring diagram

(Bottom views)

Characteristic Curves

