



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	≤100mΩ	
Endurance	Electrical	1x10 ⁵
	Mechanical	1x10 ⁷

Coil Data

Coil Voltage (VDC)	Coil Resistance (Ω) ±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	250MΩ 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°C ± 2°C 3 ± 0.05s
Ambient Environment	-40 ~ 85°C
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)

Dimensions

MOUNTING (Bottom views)

Wiring diagram (Bottom views)

1A 1B 1C

The technical drawings include:

- Dimensions:** Two side views of the relay. The left view shows a width of 19.5 mm and a height of 15.3 mm. The right view shows a width of 16.5 mm and a height of 12 mm. Terminal dimensions include 1.4 mm, 2 mm, 12.2 mm, 3.9 ± 0.3 mm, 2 × 1 × 0.4 mm, 2 × 0.6 × 0.6 mm, and 1 × 0.3 mm.
- MOUNTING (Bottom views):** A top-down view showing a 12.2 mm wide base with three mounting holes. The holes are spaced 6 mm apart vertically, with a 2 mm offset from the top edge. One hole is offset 5.0 ± 0.3 mm from the centerline.
- Wiring diagram (Bottom views):** Three diagrams labeled 1A, 1B, and 1C, showing different contact configurations: 1A is a normally open contact, 1B is a normally closed contact, and 1C is a changeover contact.

Characteristic Curves

