

### **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	12A 125VAC
(Resistive Load)		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	Coil	Max.	Pick-up	Drop-out	Coil power	Operate time	Release time
Voltage	Resistance	Allowable	Voltage	Voltage		(ms)	(ms)
(VDC)	$(\Omega) \pm 10\%$	Voltage	(max)	(min)			
3	25						
5	70						
6	100	130% of	75% of coil	10% of coil	A		
9	225	coil voltage	voltage	voltage	Approx 0.36W	€10	€5
12	400	con voltage	voltage	voltage	0.30 W		
24	1600						
48	6400						

#### Characteristic Data

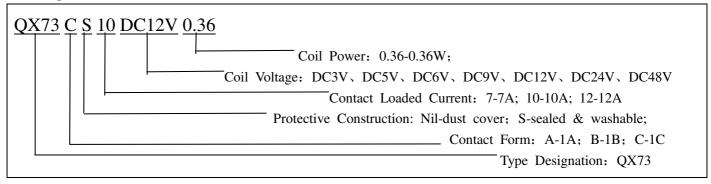
Characteristic Data			
Initial insulation resistance		250M Ω min(at DC500V)	
Initial dielectric strength	Between open contacts	50/60Hz AC750V	
	Between coil and contact	50/60Hz AC1500V	
Shock resistance		$100 \text{m/s}^2$ $11 \text{ms}$	
Vibration resistance		$10\sim$ 55Hz at double amplitude of 1.5mm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

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

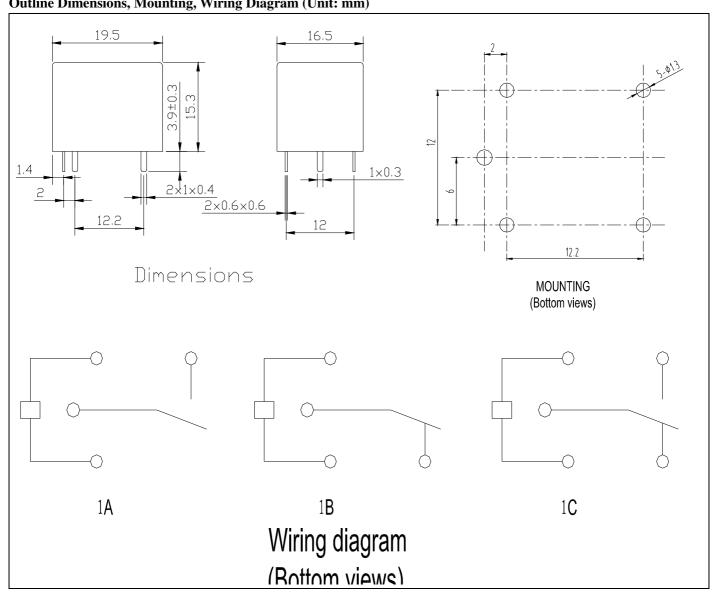
### **Safety Approval Ratings**

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

## **Ordering information**



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



# **Characteristic Curves**

