



- Applicable to the external meter, household intelligent control and remote unattended station equipment
- Small in dimension, PCB installation
- Dimensions: 29×25×13(mm)

Contact parameter

Contact form	2B/2C	
Contact resistance (1A 6VDC)	Max.50mΩ	
Contact material	Silver alloy	
Contact rating (resistive load)	5A 250VAC	
Max. Switching Voltage	250VAC/28VDC	
Max. Switching Current	5A	
Max. Switching Power	1250VA/140W	
Life	Mechanical life	1×10 ⁶ OPS
	Electrical life	1×10 ⁵ OPS

Performance parameter

Release Time		15ms Max
Operate Time		15ms Max
Dielectric strength	coil&contact	2000VAC 50/60Hz(1Min)
	between open contacts	750VAC 50/60Hz(1Min)
Insulation resistance		100MΩ Min.(500VDC)
Ambient temperature		-40℃~+70℃
Relative humidity		45%-90% RH
Vibration		10-55Hz, 1.5mm
Impulsion		98m/s ²
Weight		18g

Ordering information

ALR03/5	5A	2C	12VDC	S
Type	Contact current	Contact form	Coil voltage	Coil type
ALR03/5	5A	2B: normally closed 2C: transform	6, 9, 12, 24V	S:single coil D:double coil

Typical application

- intelligent electric meter
- electric remote control
- compound switch
- household control

Coil parameter(20℃)

coil code	rated coil (VDC)	Coil resistance (Ω) $\pm 10\%$		Coil power (W)		Release voltage (VDC)	operate voltage (VDC)	over voltage (VDC)	pluse width (ms)
		single coil	double coil	single coil	double coil				
06	6VDC	36	18/18	1W	2W	$\leq 80\%$	$\leq 80\%$	$\leq 120\%$	$\geq 50\text{ms}$
09	9VDC	81	41/41						
12	12VDC	144	72/72						
24	24VDC	576	288/288						

Dimension 、 wiring diagram(unit:mm)

