



- Applicable to the sing-phase, three-phase smart meters of 5(20)A、5(30)A、5(40)A、10(40)A and the compound switches of 5KVA、10KVA
- Sealed、unsealed are both available, accessories can be customized
- Dimensions: 40×30×17(mm)

Contact parameter

Contact form	1B	
Contact resistance (1A 6VDC)	Max.1.5mΩ	
Contact material	Silver alloy	
Contact rating (resistive load)	60A 250VAC	
Max. Switching Voltage	250VAC	
Max. Switching Current	60A	
Max. Switching Power	15000VA	
Life	Mechanical life	5×10 ⁵ OPS
	Electrical life	1×10 ⁴ OPS

Performance parameter

Release Time		20ms Max
Operate Time		20ms Max
Dielectric strength	coil&contact	4000VAC 50/60Hz(1Min)
	between open contacts	1500VAC 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(without accessory)		36g

Ordering information

ALR01/60	60A	1B	12VDC	S	XX
Type	Contact current	Contact form	Coil voltage	Coil type	connect accessories
ALR01/60	60A	1B:1pole normal close contact	6, 9 12, 24V	S:single coil D:double coil	as requirement

Typical application

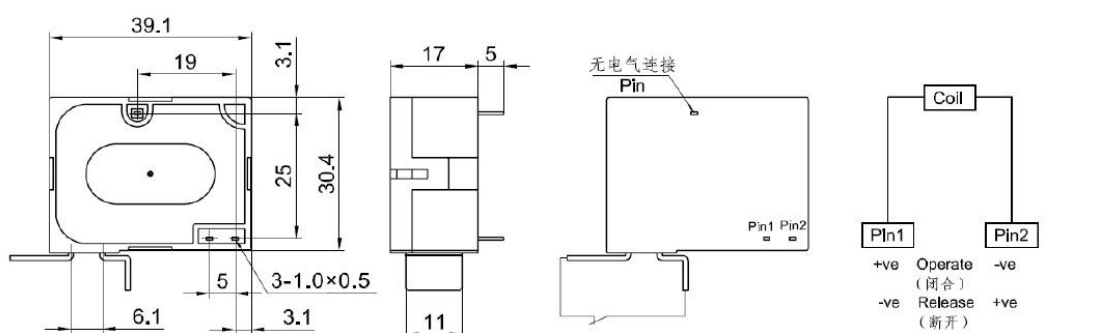
- smart electric meter
- electric remote control
- compound switch
- leakage protector

Coil parameter(20℃)

coil code	rated coil (VDC)	Coil resistance (Ω)+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	≤80%	≤80%	≤120%	≥60ms
09	9VDC	81	41/41						
12	12VDC	144	72/72						
24	24VDC	576	288/288						

Dimension 、 wiring diagram(unit:mm)

单线圈 Single Coil



双线圈 Double Coil

