



- Applicable to the external meter, household intelligent control and remote unattended station equipment
- Small in dimension, PCB installation
- Low power , good load capacity,high reliability
- Dimensions: 24×13×17(mm)

Contact parameter

Contact form	1B/1C	
Contact resistance (1A 6VDC)	Max.50mΩ	
Contact material	Silver alloy	
Contact rating (resistive load)	10A 250VAC/28VDC	
Max. Switching Voltage	250VAC/28VDC	
Max. Switching Current	10A	
Max. Switching Power	2500VA/280W	
Life	Mechanical life	5×10 ⁵ OPS
	Electrical life	1×10 ⁵ OPS

Performance parameter

Release Time		15ms Max
Operate Time		15ms Max
Dielectric strength	coil&contact	4000VAC 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		10g

Ordering information

ALR05/10	10A	1C	12VDC	S
Type	Contact current	Contact form	Coil voltage	Coil type
ALR05/10	10A	1B: normally closed 1C: transform	3, 6, 9, 12, 24V	S:single coil D:double coil

Typical application

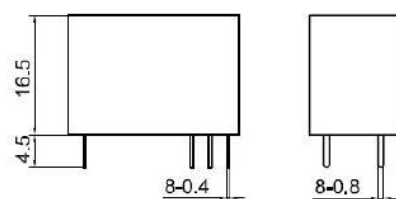
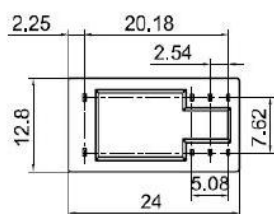
- intelligent electric meter
- electric remote control
- compound switch
- household control

Coil parameter(20℃)

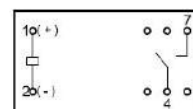
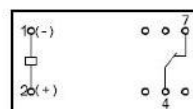
coil code	rated coil (VDC)	Coil resistance (Ω) $\pm 10\%$		Coil power (W)		Release voltage (VDC)	operate voltage (VDC)	over voltage (VDC)	pluse width (ms)
		single coil	double coil	single coil	double coil				
03	3VDC	14	7/7	0.64W	1.28W	$\leq 80\%$	$\leq 80\%$	$\leq 120\%$	$\geq 50\text{ms}$
06	6VDC	56	28/28						
09	9VDC	126	63/63						
12	12VDC	225	113/113						
24	24VDC	900	450/450						

Dimension 、 wiring diagram(unit:mm)

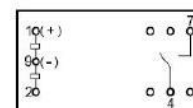
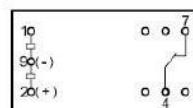
单线圈 Single Coil



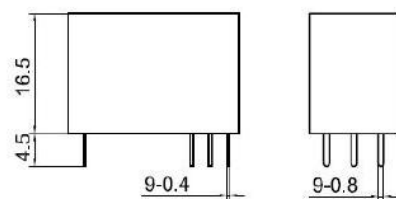
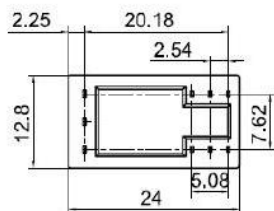
508E-1B-S



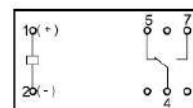
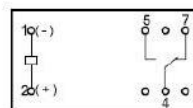
508E-1B-D



双线圈 Double Coil



508E-1C-S



508E-1C-D

