



Great Electrical

**GRT508A-60A
(PCB)**



- Applicable to the external meter, household intelligent control and remote unattended station equipment
- PCB installation
- Dimensions: 40×30×17(mm)

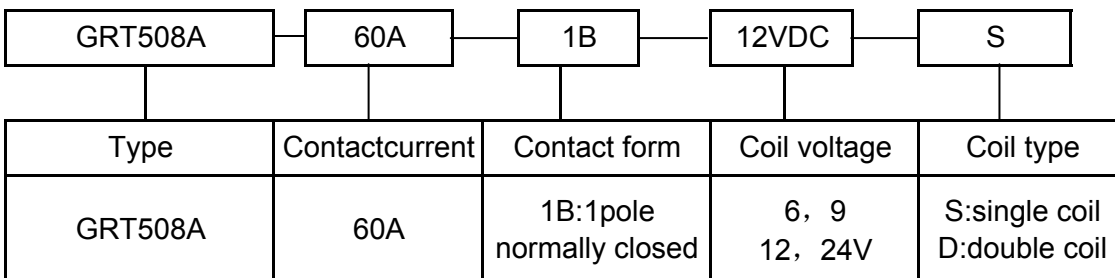
Contact parameter

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)	32g	

Ordering information



Typical application

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

Coil parameter(20°C)

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	$\leq 80\%$	$\leq 80\%$	$\leq 120\%$	$\geq 60\text{ms}$
09	9VDC	81	41/41						
12	12VDC	144	72/72						
24	24VDC	576	288/288						

Dimension 、 wiring diagram(unit:mm)

508A-PCB式

