



**Great Electrical**

**GRT508D-60A**



- Applicable to the three-phase smart meters of 5(20)A、5(30)A、10(40)A and the compound switches of 10KVA、20KVA
- Contacts can be controlled by the handle switches.
- Dimensions: 100×50×21(mm)

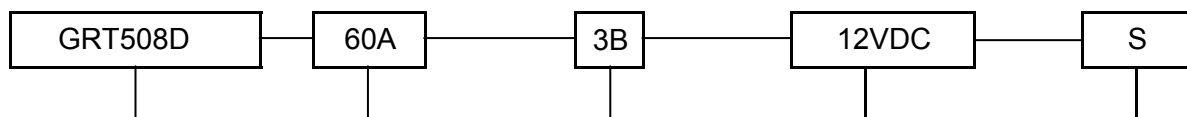
**Contact parameter**

Contact form	3B	
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 <sup>5</sup> OPS
	Electrical life	1×10 <sup>4</sup> OPS

**Performance parameter**

Release Time		50ms Max
Operate Time		50ms Max
Dielectric strength	coil&contact	4000VAC 50/60Hz(1Min)
	between open contacts	2000VAC 50/60Hz(1Min)
	between contact poles	4000VAC 50/60Hz(1Min)
Insulation resistance		1000MΩ Min.(500VDC)
Ambient temperature		-40℃~+70℃
Relative humidity		45%-90% RH
Vibration		10-55Hz, 1.5mm
Impulsion		98m/s <sup>2</sup>
Weight		150g

**Ordering information**



Type	Contact current	Contact form	Coil voltage	Coil type
GRT508D	60A	3B:3pole normally closed	9, 12, 24V	S:single coil D:double coil

**Typical application**

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

## Coil parameter(20°C)

coil code	rated coil (VDC)	Coil resistance ( $\Omega$ ) $\pm 10\%$		Coil power (W)		Release voltage (VDC)	operate voltage (VDC)	over voltage (VDC)	pluse width (ms)
		single coil	double coil	single coil	double coil				
09	9VDC	23	12/12						
12	12VDC	41	21/21	3.5W	7.0W	$\leq 80\%$	$\leq 80\%$	$\leq 120\%$	$\geq 100\text{ms}$
24	24VDC	164	82/82						

## Dimension 、 wiring diagram(unit:mm)

