



Great Electrical

GRT508H-100A



- Applicable to the sing-phase, three-phase smart meters of 15(60)A、20(80)A and the compound switches of 10KVA、16KVA
- Accessories can be customized as requirement
- RoHS compliant

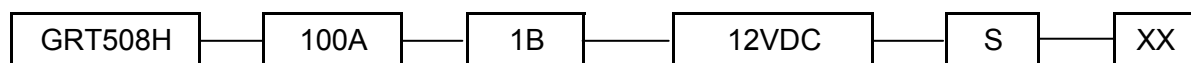
Contact parameter

Contact form	1B	
Contact resistance (1A 6VDC)	Max.1.0mΩ	
Contact material	Silver alloy	
Contact rating (resistive load)	100A 250VAC	
Max. Switching Voltage	250VAC	
Max. Switching Current	100A	
Max. Switching Power	25000VA	
Life	Mechanical life	5×10 ⁵ OPS
	Electrical life	5×10 ³ OPS

Performance parameter

Release Time		30ms Max
Operate Time		30ms Max
Dielectric strength	coil&contact	4000VAC 50/60Hz(1Min)
	between open contacts	2000VAC 50/60Hz(1Min)
Insulation resistance		500MΩ Min.(500VDC)
Ambient temperature		-40℃~+70℃
Relative humidity		45%-90% RH
Vibration		10-55Hz, 1.5mm
Impulsion		98m/s ²
Weight(without accessory)		68g

Ordering information



Type	Contact current	Contact form	Coil voltage	Coil type	connect accessories
GRT508H	100A	1B: 1pole normally closed	6, 9 12, 24V	S:single coil D:double coil	as requirement

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	16	8/8	2.25W	4.5W	\leq 80%	\leq 80%	\leq 120%	\geq 80ms
09	9VDC	36	18/18						
12	12VDC	64	32/32						
24	24VDC	256	128/128						

Dimension 、 wiring diagram(unit:mm)

