



Ordering Key

G D H 200 48 Z D1
1 2 3 4 5 6 7

- 1: Greegoo brand;
- 2: Switch type: S - small size (1-5A), D - single phase, T - three phase;
- 3: Output method, blank - triac output, H - SCR output;
- 4: Rated working current (A);
- 5: Rated working voltage (V) (24:240 V,44:440V,48:480V);
- 6: Control method Z - Zero, R - Random;
- 7: Control voltage D: 3-8V, D1 - 4-16VDC, D3 - 3-32VDC, A2 - 90-250VAC.

GT 10 to 40 Amps AC SSR

The series GT three phase Solid State Relays is used three phase loads. Triac Output. The triac version of the zero switching relay is an inexpensive solution for resistive loads. The zero switching relay switches on when the AC sine voltage just crosses zero, and switches off when the current crosses zero.

- Three phase Solid State Relays
- Rated operational current 3x10, 3x15, 3x25 and 3x40 Amps.
- Rated operational voltage 440 V.
- Zero switching for resistive loads.
- Input Voltage Range 4 to 16 Vdc, 3 to 32 Vdc.
- 2500 Vrms Optical Isolation.(input/output)
- LED-indication for control input.

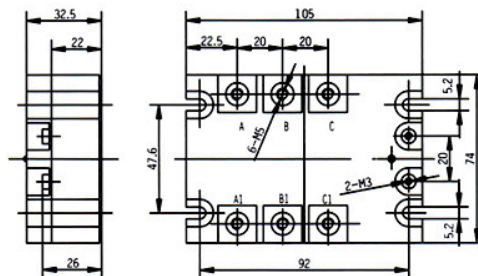
Type Selection

- Mounting type T: AC Three phase Solid State Relay
- Operational current 10: 3 10Amp, 15: 3 15Amp, 25: 3 25Amp, 40: 3 40Amp
- Operational voltage 44: 440VAC.
- Switched mode Z: Zero Voltage
- Input Control voltage D1: DC 4~16V, D3: DC 3~32V

Selection guide

Voltage	Control voltage	Rated operational current			
		10 Amp	15 Amp	25 Amp	40 Amp
440 V _{AC}	4~16 Vdc	GT1044ZD1	GT1544ZD1	GT2544ZD1	GT4044ZD1
440 V _{AC}	3~32 Vdc	GT1044ZD3	GT1544ZD3	GT2544ZD3	GT4044ZD3
440 V _{AC}	4~16 Vdc	GT1044RD1	GT1544RD1	GT2544RD1	GT4044RD1
440 V _{AC}	3~32 Vdc	GT1044RD3	GT1544RD3	GT2544RD3	GT4044RD3

Dimension



1

Specifications

INPUT PARAMETER ①	D1	D3
Control Voltage Range	4 to 16Vdc	3 to 32Vdc
Input Current (Max.)	26/86 mAdc @=5V/12V	25/28 mAdc @=5V/12V
Must Turn On Voltage	4Vdc	3Vdc
Must Turn Off Voltage	1Vdc	1Vdc
Reverse Voltage (Max.)	32Vdc	32Vdc
Display LED	Yes	Yes

OUTPUT PARAMETER ②	Units	Specification Limits			
Model No. GTH		10A	15A	25A	40A
Load Current Range	Arms	3X10	3X15	3X25	3X40
Surge Current, 20 mSec (Max.)	Arms	85	115	230	400
Load Voltage Range	Vrms	44 to 440			
TRIAC Over voltage	Vpk	≥1000			
Frequency Range	Hz	47 to 63			
Min. Off-state dv/dt	V/μsec	200			
Off State Leakage Current (Max.)	mArms	≤8			
On-State Voltage Drop (Max.)	Vrms	1.6			
Thermal Resistance, (Rthjc)	°C/W	2.5	2.5	1.3	1.3
Turn On Time (Max.) "Z"	Cycle	1/2			
Turn On Time (Max.) "R"	mSec	1			
Turn Off Time (Max.)	Cycle	1/2			

GENERAL SPECIFICATIONS ③					
Dielectric (Input/Output)	Vrms	2500	2500	2500	2500
Dielectric (Input-Output/Base)	Vrms	2500	2500	2500	2500
Capacitance(Max.)	pf	10	10	10	10
Ambient Operating Temperature Range	-30 to +80°C				
Ambient Storage Temperature Range	-30 to +80°C				
Weight: (max.) Aluminum Base plate 310g, Copper Base plate 430g.					
Case Color: Black					
Mounting Dimensions:	LXWXH	105X74X32.5mm			