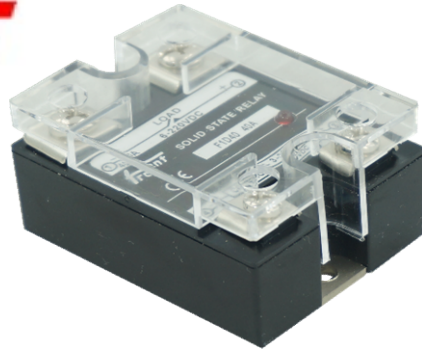




GDZ02 Series

Single Pole DC Solid State Relay



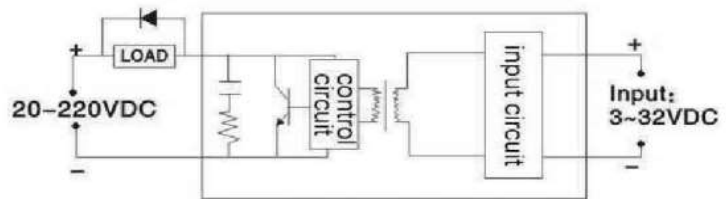
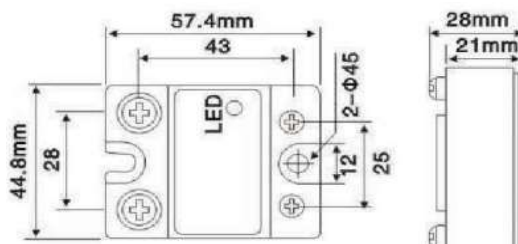
Features:

- DC Control Input
- IGBT output
- Photo Isolation
- Low ON-State Resistance
- LED status Indicator
- Dielectric strength 2500V
- Panel Mount

Ordering Code: GDZ02-XX-1200ZD3

XX -> 20 = 20 Amp; 40 = 40 Amp; 60 = 60 Amp; 100 = 100 Amp; 120 = 120 Amp

Outline & Installation Dimensions



INPUT

Control Voltage Range	4-32VDC
Maximum Input Current	40mA
Turn On Voltage	4VDC
Drop Out Voltage	3.5VDC

OUTPUT

Load voltage range	1200(1-1200VDC)
Load current	20A,40A,60A,100A,120A
Surge Current	62.5A,100A,150A,250A,300A
Max off-state leakage current	2mA
Max on-state voltage drop	<1V

GENERAL

Dimensions	57.4L x 44.8W x 28H
Weight	100g +/-10%
Turn On time	200uS
Trun Off Time	400uS
Dielectric Strength (Input/Output/Base)	2500V
Operating Temperature	(-)20°C to 70°C
Certification	CE

Application Notes

1. External Suppression Required for inductive Loads
2. Thermal Paste Should be used for Mounting
3. Mounting Torque Range 10-20 in lbs.



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Current Derating

