

INPUT SPECIFICATIONS (1)

Description	GN3xxDx	GN3xxEx	GN3xxBx	GN3xxAx
Input Voltage Range	4-32 VDC	18-36 VAC	90-140 VAC	180-280 VAC
Minimum Turn-On Voltage	4.0 VDC	18 Vrms	90 Vrms	180 Vrms
Drop out Voltage	1.0 VDC	10 Vrms	10 Vrms	10 Vrms
Maximum Input Current	35mA	20mArms	16mArms	16mArms
Minimum input current (for on-state)	24mA	15mArms	7mArms	7mArms
Input Resistance	Current Regulated			
Turn-on time (6)	8.33ms	20ms	20ms	20ms
Turn-off time	8.33ms	30ms	30ms	30ms
Min/Max wire size [AWG]	24/14			
Screw Torque Range [in lbs/Nm]	8-10 / 0.9-1.13			

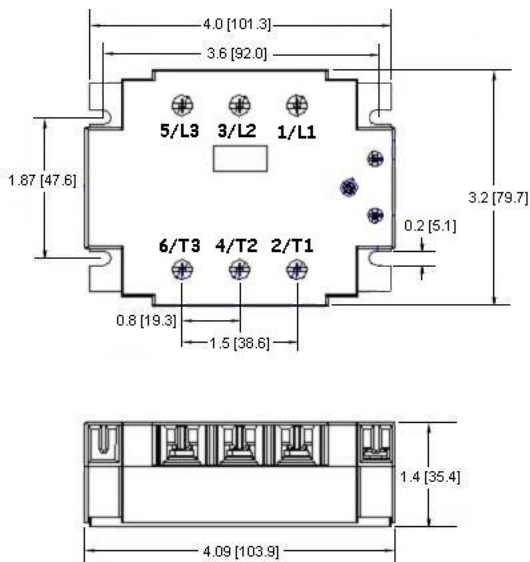
GENERAL SPECIFICATIONS

Description	Parameters
Ambient Operating Temperature Range (7)	-40 to 80 °C
Ambient Storage Temperature Range	-40 to 100 °C
Input to output isolation	4000 Vrms
Input/output to ground isolation	2500 Vrms
Input to output capacitance	8 pF
Housing Material	UL 94V0 (self extinguishing)
Status Indicating Display	Green LED
Weight (typical)	0.79 lbs (360 g)

GENERAL NOTES

- 1) All parameters at 25°C unless otherwise specified.
- 2) For part numbers with snubber Hz range is 47-63 and line voltage is 48-530VAC
- 3) Off-State dv/dt test method per EIA/NARM standard RS-443, paragraph 13.11.1
- 4) When mounted to the proper size heat sink (see derating curves)
- 5) Measured between 1/L1 and 2/T1 or 3/L2 and 4/T2 or 5/L3 and 6/T3
- 6) For DC control Random turn-on is 100µs while AC control is 20ms
- 7) Operating temperature range for 180-280VAC is -20 to +60°C

MECHANICAL SPECIFICATIONS



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MECHANICAL SPECIFICATIONS

