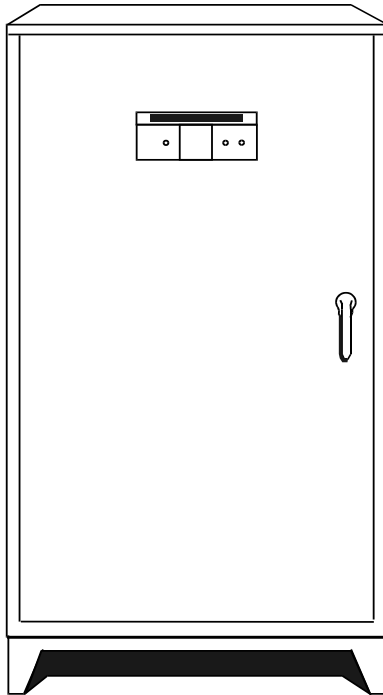


**1200 - 2600 Amps,
600 VAC**

Automatic Transfer Switches

Type WN Load Shed Capable



- **Standard time delay neutral will reduce switchover problems.**
- **Logic control with inphase monitor regulates switch functions and allows adjustable switch settings with LED indicators.**
- **Control switches located on the front of the door for ease of operation.**
- **All switches are UL 1008 listed and CSA certified.**
- **Electrically-operated, mechanically-held and interlocked main contacts with break before make design for fast, positive connections.**
- **Rated for all classes of load, 100% equipment rated, both inductive and resistive with no derations.**
- **2, 3, and 4 Pole 600 VAC contactors.**
- **160 millisecond transfer time.**

Standard Features

- Electrically operated and mechanically held
- Weekly exerciser
- SPDT auxiliary contacts
- Main contacts are silver alloy to resist welding and sticking
- Conformal coating protects all printed circuit boards
- Indicating LED's for switch position—Normal, Emergency, and Standby Operating
- NEMA 12 enclosure with hinged door and key-locking handle
- Three-position switch—Fast Test, Auto, Normal Test
- Arc chutes on main contacts

Optional Accessories

- NEMA 3R, 4 & 4X enclosure
- Exterior AC meter package
- 4-pole design for neutral isolation
- Remote automatic start-stop control circuit
- Signal before transfer contacts
- Return to normal timer bypass
- "Trip to Neutral" with mechanical latch for load shedding or sequencing applications
- "Permissive" switch for MPS applications to prevent transfer until adequate power capacity is obtained
- Two (2) sets of auxiliary contacts
- Preferred source selector switch

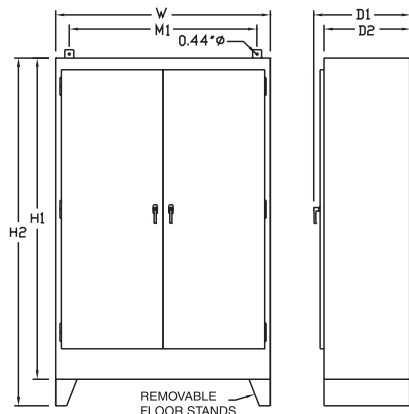
GTS Control Systems

	CPU CONTROL	LOGIC CONTROL w / Inphase Monitor
Utility Voltage		
Dropout		75-95% (Adj.)
Pickup		85-95% (Adj.)
Line Interrupt		0.1-10 Sec. (Adj.)
Engine Minimum Run		5-30 Min. (Adj.)
Engine Warmup		5 Sec.-3 Min. (Adj.)
Return to Utility		1-30 Min. (Adj.)
Engine Cooldown		1-30 Min. (Adj.)
Standby Voltage		85-95% (Adj.)
Standby Frequency		80-90% (Adj.)
Time Delay Neutral		0.1-10 Sec. (Adj.)
Transfer on Exercise		On/Off Switch
Warmup Timer Bypass		On/Off Switch
Time Delay Neutral Bypass		On/Off Switch
Inphase Monitor		On/Off Switch

Withstand Current - 600 Volt GTS Series

GTS Rated Amps	1200	1600	2000	2600
FUSE PROTECTED				
Maximum RMS Symmetrical Fault Current – Amps	200,000	200,000	200,000	200,000
Maximum Fuse Size – Amps	2000	2000	2500	4000
Fuse Class	J,T	J,T	J,T	J,T
CIRCUIT BREAKER PROTECTED (See separate sheet for specific circuit breakers)				
Maximum RMS Symmetrical Fault Current – Amps	65,000	65,000	85,000	85,000
Protective Device Continuous Rating (Max) – Amps	2000	2000	2500	3500

- Tested in accordance with the withstand and closing requirements of UL 1008 and CSA Standards
- Current ratings are listed @ 480 VAC



Unit Dimensions

GTS Rated Amps	Enclosure Height		Enclosure Width	Wall Mount Bolt Pattern	Enclosure Depth		Weight (lbs.)
	H1	H2	W	M	D1	D2	
1200	72	78	48	42	27.5	24	1100
1600	72	78	48	42	27.5	24	1100
2000	80	N/A	48	42	51.3	48	1300
2600	80	N/A	48	42	51.3	48	1700

All dimensions in inches.

Terminal Lug Wire Ranges

** Consult your Generac representative for optional lug kits

GTS Rated Amps	Contactor Terminals		Neutral Bar		Ground Lug (1 Provided)
	# Lugs per Pole	Lug Wire Range	# Lugs	Lug Wire Range	Lug Wire Range
1200	4	750MCM – 1/0 AWG	12	750MCM – 1/0 AWG	350MCM – 6 AWG
1600	4	750MCM – 1/0 AWG	12	750MCM – 1/0 AWG	350MCM – 6 AWG
2000	Bus Bars with NEMA 4-Hole Pattern **		24	750MCM – 1/0 AWG	350MCM – 6 AWG
2600	Bus Bars with NEMA 4-Hole Pattern **		24	750MCM – 1/0 AWG	350MCM – 6 AWG