

Automatic Transfer Switch

1,200 – 2,600 Amps, 600 VAC HTS

- The Generac HTS Transfer Switch is a “State of the Art” Smart Switch Designed to Operate in Conjunction With the Generac H100 Series Generator Controller
- The HTS Transfer Switch has a 2 Wire RS-485 Communication Link to the Generator Controller
- The Utility Voltage is Monitored by the HTS Along With Signal Before Transfer Timing, Time Delay Neutral and Inphase Transfer
- Switch Operation is Instigated by the Generator Controller
- All Timers and Voltage Setpoints are Programmable Through GenLink® Communications Software
- Time Delay Neutral and Inphase Monitor are Included



Image used for illustration purposes only

FEATURES

STANDARD FEATURES

- Electrically Operated and Mechanically Held
- Programmable Exercise Time
- SPDT Aux Contacts
- Main Contacts are Silver Alloy
- Conformal Coating Protects the Printed Circuit Board
- UL1008 Listed
- Indicating LED's for Switch Position, Standby Operating, Utility Available
- 3 Position Test Switch: Fast Test, Auto, Normal Test
- Arc Shutes on Main Contacts
- Signal Before Transfer Contacts
- Rated to All Classes of Loads
- Remote Start, Stop and Transfer Through GenLink® Communications Software
- Up to Four Transfer Switches Per Generator
- 50/60 Hertz Operation

OPTIONAL ACCESSORIES

- NEMA 1 Enclosure
- NEMA 3R Enclosure
- 4 pole for Separately Derived Systems

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INTERCONNECTIONS

SWITCHES AND INDICATORS:

- System Ready LED
- Switch Position LED's
- Test Switch
- Return to Normal Switch
- Standby Operating LED
- Utility Available LED
- Fast Test Switch
- Safety Disconnect Switch

Standby Accept Voltage	85-95%
Standby Accept Frequency	85-95%
Nominal Voltage	1 Volt Increments
Allowable Deviation of Utility	1 – 100%
Line Interruption Delay	1 – 10 Seconds
Engine Warmup Time	1 – 300 Seconds
Minimum Run Time	5 – 60 Minutes
Return to Utility Timer	1 – 30 Minutes
Engine Cooldown Timer	1 – 30 Minutes
Signal Before Transfer Timer	1 – 30 Seconds
Transfer Type	Inphase Time Delay Neutral
Phase Difference for Inphase Transfer	-7 +0 Degrees

WITHSTAND CURRENT - 600 VOLT HTS SERIES

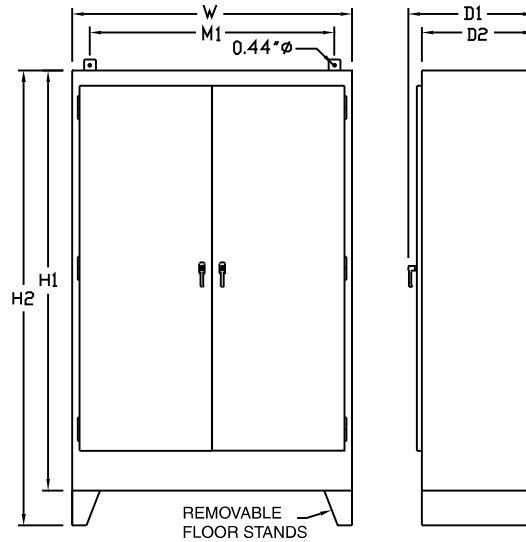
HTS Rated Amps	1,200	1,600	2,000	2,600
FUSE PROTECTED				
Maximum RMS Symmetrical				
Fault Current – Amps	200,000	200,000	200,000	200,000
Maximum Fuse				
Size – Amps	2,000	2,000	2,500	4,000
Fuse Class	J,T	J,T	J,T	J,T
CIRCUIT BREAKER PROTECTED (see separate sheet for specific circuit breakers)				
Maximum RMS Symmetrical				
Fault Current – Amps	65,000	65,000	85,000	85,000
Protective Device Continuous				
Rating (Max) – Amps	2,000	2,000	2,500	3,500

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

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UNIT DIMENSIONS*



HTS Rated Amps	Enclosure Height - in (mm)		Enclosure Width - in (mm)	Wall Mount Bolt Pattern - in (mm)	Enclosure Depth - in (mm)		Weight - lbs (kg)
	H1	H2	W	M	D1	D2	
1,200	72 (1,829)	78 (1,981)	48 (1,219)	42 (1,067)	27.5 (699)	24 (610)	1,100 (499)
1,600	72 (1,829)	78 (1,981)	48 (1,219)	42 (1,067)	27.5(699)	24 (610)	1,100 (499)
2,000	80 (2,032)	N/A	48 (1,219)	42 (1,067)	51.3 (1,303)	48 (1,219)	1,300 (590)
2,600	80 (2,032)	N/A	48 (1,219)	42 (1,067)	51.3 (1,303)	48 (1,219)	1,700 (771)

* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

TERMINAL LUG WIRE RANGES

HTS Rated Amps	Connector Terminals		Neutral Bar		Ground Lug (1 Provided)
	# Lugs per Pole	Lug Wire Range	# Lugs	Lug Wire Range	Lug Wire Range
1,200	4	750 MCM – 1/0 AWG	12	750 MCM – 1/0 AWG	350 MCM – 6 AWG
1,600	4	750 MCM – 1/0 AWG	12	750 MCM – 1/0 AWG	350 MCM – 6 AWG
2,000	Bus Bars with NEMA 4–Hole Pattern		24	750 MCM – 1/0 AWG	350 MCM – 6 AWG
2,600	Bus Bars with NEMA 4–Hole Pattern		24	750 MCM – 1/0 AWG	350 MCM – 6 AWG