1200-2600 Amps, 600 VAC HTS

GENERAC® | INDUSTRIAL POWER

Automatic Transfer Switches

Description

- **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 RS485 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.**

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 12 enclosure (100-400 Amps)
- NEMA 3R enclosure (All)
- NEMA 4 and 4x enclosure
- 4 pole for separately derived systems

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Interconnections

HTS 1200-2600 Amp

Switches and Indicators:

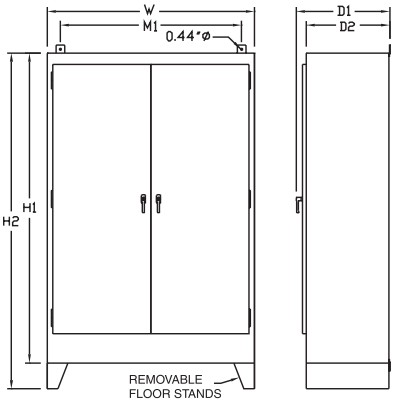
- System Ready LED
- Switch Position LED's
- Test Switch
- Return to Normal Switch
- Standby Operating LED
- Utility Available LED
- Fast Test Switch
- Safety Disconnect Switch

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	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				
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

HTS Rated Amps	Enclosure Height H1	Enclosure Height H2	Enclosure Width W	Wall Mount Bolt Pattern M	Enclsoure Depth D1	Enclsoure Depth D2	Weight (lbs.)
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

HTS Rated Amps	Contactor Terminals # Lugs per Pole	Contactor Terminals Lug Wire Range	Neutral Bar # Lugs	Neutral Bar Lug Wire Range	Ground Lug (1 Provided) 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