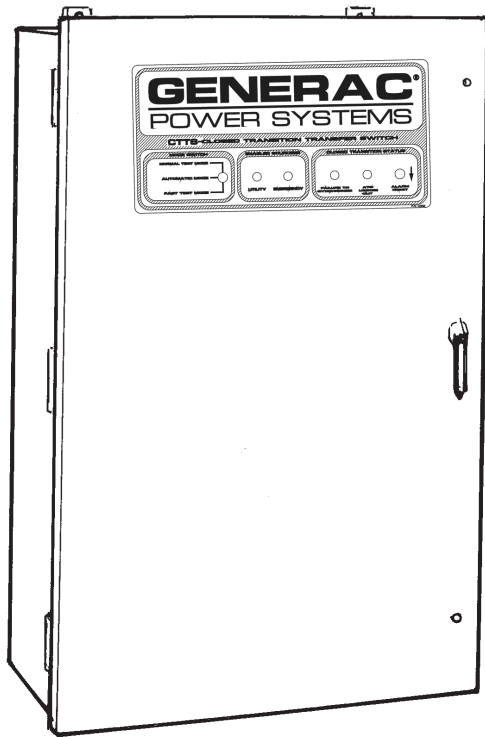


**100 - 400 Amps,
600 VAC**

Automatic Transfer Switches

Closed Transition Transfer Switch (CTTS)



- Separate, redundant circuitry to monitor and prevent extended paralleling of the two sources.
- Failure to synchronize and ATS locked out indicating lamps.
- Maximum source interconnection time = 100 milliseconds during closed transition operation.
- Control switches located on the front of the door for ease of operation.
- CTTS is UL 1008 listed and CSA certified.
- Electrically-operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive with no derations.
- 3 and 4 Pole 600 VAC contactors.

The Generac closed transition transfer switch (CTTS) offers an effective solution for the problem of momentary loss of power during transfer.

The Generac CTTS will eliminate momentary power interruption, when both sources are present and synchronized, by transferring the loads with an overlapping contact arrangement.

Standard Features

- Independent operators for each source, electrically operated and mechanically held
- Digital display, programmable exerciser
- SPDT auxiliary contacts on each side of switch (wired to terminal strip)
- Main contacts are silver plated or silver alloy to resist welding and sticking
- Conformal coating protects all printed circuit boards
- Indicating lights for enabled sources—Normal, Emergency
- NEMA 1 enclosure with hinged door and key-locking handle
- Three-position switch—Fast Test, Auto, Normal Test

Optional Accessories

- NEMA 12 dustproof enclosure
- NEMA 3R rainproof enclosure
- NEMA 4 and 4X Enclosure
- 4-pole contactor for neutral isolation
- Exterior AC meter package
- Additional Sets of auxiliary contacts (each side)
- Signal before transfer
- Remote auto control
- Manual bypass for return to normal
- Preferred source selector switch

CTTS Control Systems

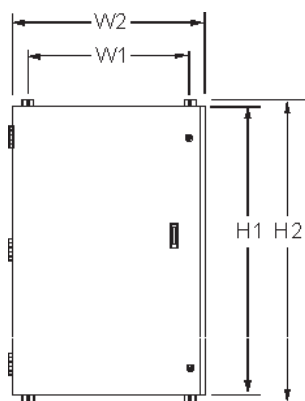
LOGIC CONTROL w / Inphase Monitor

Utility Voltage	
Dropout (% of pickup).....	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 When Fail to Syng.....	On/Off Switch

Withstand Current - 600 Volt CTTS Series

GTS Rated Amps	100	150	200	300	400
Fuse Protected					
Maximum RMS Symmetrical Withstand Current	200,000	200,000	200,000	200,000	200,000
Protective Device Continuous Rating (Max) Amp	200	400	400	600	600
Fuse Class	J,T	J,T	J,T	J,T	J,T
Circuit Breaker Protected					
Maximum RMS Symmetrical Withstand Current	14,000	25,000	25,000	35,000	35,000
Protective Device Continuous Rating (Max) Amp	150	300	300	600	600

* Tested per UL 1008 and CSA Standards
 * Current ratings are listed @ 480 VAC



Mechanical Dimensions (NEMA 1, Standard)

Current Rating	Height		Width		Depth	Weight (lbs.)
	H1	H2	W1	W2		
100	36.8	37.5	18	24.8	10	180
150	48.8	49.5	24	30.75	12	265
200	48.8	49.5	24	30.75	12	265
300	48.8	49.5	24	30.75	12	325
400	48.8	49.5	24	30.75	12	325

Terminal Lug Wire Ranges

GTS Rated Amps	Switch Terminal	Neutral Bar	Ground Lug
100	1X-2/0-14	4X-2/0-14	1X-2/0-14
150	1X-400MCM-4	4X-350MCM-6	1X-350MCM-6
200	1X-400MCM-4	4X-350MCM-6	1X-350MCM-6
300	2X-250MCM-1/0 or 1X-600MCM-4	8X-250MCM-1/0 or 4X-600MCM-4	1X-350MCM-6
400	2X-250MCM-1/0 or 1X-600MCM-4	8X-250MCM-1/0 or 4X-600MCM-4	1X-350MCM-6