

TRANSFER SWITCHES

PSTS / GTS / HTS
INDUSTRIAL & CRITICAL

GENERAC®
**INDUSTRIAL
POWER**



Solutions up to 5000 Amps

PSTS, GTS & HTS INDUSTRIAL & CRITICAL TRANSFER SWITCHES

The Industrial and Critical Transfer Switches feature 3 different platforms with multiple technology options offering a flexible solution up to 5,000 A to meet your application needs. All platforms are 1½ or 3 cycle rated with some technologies featuring short time ratings to aid in breaker selection and selective coordination, which is essential in mission critical applications. Switches are fully rated 4th pole operating on a common crossbar; this eliminates the typical problems with a 3 pole overlapping neutral design. The service entrance switches are 100 percent rated, and the top, bottom, with side cable entry to ease installation.

PLATFORMS

Standard

Our standard platform is designed for fast transfers. The HTS/GTS series is available as a standard platform and is 1½ cycle rated. The PSTS series is 3 cycle rated to ease breaker selection and coordination. The technologies available with our standard platform include; Contactor and Power Frame Breaker. The Contactor switches are double throw and interlocked with an over center design to ensure safe, positive transfer between power sources. The Power Frame Breaker switches have exceptional 3 cycle and short time withstand and close on ratings along with high speed switching time of <3 cycles to minimize the effect of power disturbances.

Bypass Isolation

Our Bypass Isolation platform has dual ATS capability. It is isolated, with barred compartments for increased safety. The technologies available with our Bypass Isolation platform are also Contactor and Power Frame Breaker. The Contactor switches are rated for full load transfers and include a field-selectable multi-tap transformer panel which permits operation on a wide range of system voltages. Power switching devices are completely interchangeable between ATS and bypass portions.

Service Entrance Rated

Our Service Entrance switch platform integrates automatic power switching with required disconnecting, grounding, and bonding for use as service entrance equipment. Rated for full load transfers in critical operating, emergency, legally required, and optional power systems. Our Service Entrance Rated platform also includes the Power Frame Breaker technology along with the Molded Case Breaker. The Molded Case Breaker is designed with integral overcurrent protection and 100% rated disconnect breaker for unmatched performance, safety, and reliability.



CONTROLLERS

Generac Power Systems offers a full line of controllers to fit your every need. From our standard GTS/HTS series to our more advanced ATC-300+ controller and all the way to our top of the line controller, the ATC-900. The ATC-900 is designed, tested, and listed for the most rigorous mission critical applications. Please see our controller sell sheet for more information on our full line of controllers.

PSTS, GTS & HTS

INDUSTRIAL & CRITICAL TRANSFER SWITCHES



SPECIFICATIONS

	GTS	HTS	PSTS		PSTS		PSTS		
PLATFORM	STANDARD	STANDARD	STANDARD		BYPASS ISOLATION		SERVICE ENTRANCE RATED		
Application	Light Commercial	Light Commercial	Light Commercial, Industrial and Mission Critical	Light Commercial and Industrial	Light Commercial, Industrial and Mission Critical	Light Commercial, Industrial and Mission Critical	Light Commercial and Industrial	Light Commercial and Industrial	Light Commercial and Industrial
Transfer Technology	Contactor	Contactor	Contactor	Power Frame Breakers	Contactor	Power Frame Breaker	Contactor	Molded Case Breaker	Power Frame Breaker
AMP Range	100-2600 A	100-2600 A	100-3000 A	1600-5000 A	100-1600 A	1600-5000 A	100-1600 A	100-1000 A	1200-5000 A
Phase	1 and 3 Phase	1 and 3 Phase	1 and 3 Phase	3 Phase	3 Phase	3 Phase	1 and 3 Phase	1 and 3 Phase	3 Phase
Voltage Range	208-600 V	208-600 V	208-600 V	208-600 V	208-600 V	208-600 V	208-600 V	208-600 V	208-600 V
Transition Types	Open with Inphase, Delayed	Open with Inphase, Delayed and Closed	Open with Inphase, Delayed and Closed	Open with Inphase, Delayed and Closed	Open with Inphase, Delayed and Closed	Open with Inphase, Delayed and Closed	Open with Inphase, Delayed and Closed	Open with Inphase, Delayed	Open with Inphase, Delayed and Closed
WCR Ratings (Specific Breakers)	14 – 85 kA	14 – 85 kA	22 – 100 kA	100 kA	50 – 100 kA	100 kA	22 – 65 kA	100 kA	100 kA
WCR Ratings (Fuses)	200 kA	100 – 200 kA	100 – 200 kA	100 – 200 kA	100 – 200 kA	100 – 200 kA	100 – 200 kA	100 – 200 kA	100 – 200 kA
WCR (3 cycle)	NA	NA	10 – 100 kA	100 kA	30 – 100 kA	100 kA	10 – 65 kA	65 – 100 kA	65 – 100 kA
WCR Ratings (30 Cycle)	NA	NA	NA	85 kA	NA	85 kA	NA	85 kA	85 kA
Communication		Genlink	Modbus RTU and Ethernet	Modbus RTU and Ethernet	Modbus RTU and Ethernet	Modbus RTU and Ethernet	Modbus RTU and Ethernet	Modbus RTU and Ethernet	Modbus RTU and Ethernet
Enclosure Types	NEMA 1, 3R, 4X, 12	NEMA 1, 3R, 4X, 12	NEMA 1, 3R, 4X	NEMA 1, 3R	NEMA 1, 3R	NEMA 1, 3R	NEMA 1, 3R, 4X	NEMA 1, 3R, 4X	NEMA 1, 3R