

GENERAC MANUAL PSTS

TRANSFER SWITCHES



GENERAC®

INNOVATION FROM THE INDUSTRY LEADER

In the last decade, Generac has led the industry in safety switch innovation by developing custom solutions with end users in mind. The experts at Generac have worked hand-in-hand with end users to determine the solution that best meets their needs. In the process, we have seen growing concern over flexibility. Customers are needing to be able to connect and disconnect portable generators to their facility's electrical system. To meet this need, Generac engineers developed the quick-connect, double-throw (PSTS) manual switch. This switch is able to provide a safe and quick way to connect portable generators to facilities and transfer the building to backup power. Now, after a full engineering development program, Generac proudly offers the PSTS as a complete UL Listed product offering. This brief provides an in-depth look at the product offering, its applications and National Electrical Code® (NEC) considerations.



THE SAFE WAY TO TRANSFER POWER

Connecting portable generators to transfer switches can pose serious risks. If not done properly, there is a risk to life and property, which puts businesses and individuals at risk of being held liable for losses caused by improper or unsafe installation. Generac's Power Series transfer switches (PSTS) helps to minimize those risks. The safety elements of the Manual PSTS transfer switches include:

- UL Listed
- Meets NEC® Requirements
- Receptacle Compartment Safety Interlocks
- Utility Isolation without Key Interlocks
- Proper Material Selection

POWER SWITCHING FOR MOBILE APPLICATIONS

Generac's Manual PSTS switches are ideal for use in applications having a need for a mobile generator. All switches come with standard, code compliant interlocked cam-lock connections, which makes them reliable to use in these applications.



POWER SWITCHING FOR MOBILE APPLICATIONS

Generac's Manual PSTS switches are ideal for use in applications having a need for a mobile generator. All switches come with standard, code compliant interlocked cam-lock connections, which makes them reliable to use in these applications.

Configurable Options

- 100-1200A
- Single-throw and double-throw
- 2, 3, and 4 pole
- Optional service entrance rating available (excluding 600V, 1200A switch)
- Available in fused and non-fused contact versions
- Cam-lock receptacle compartment interlocked with switch
- UL listed
- NEMA 1 and NEMA 3R



INTERLOCKED RECEPTACLE COMPARTMENT

Includes an interlocked receptacle compartment with its own dedicated door. The door to this compartment is interlocked with the safety switch mechanism. Access to the receptacle compartment is only available when the switch is OFF, or when the double-throw version is connected to utility power.

TRAP DOOR FEATURE

Allows for temporary power cables to exit the switch while allowing the compartment door to be shut and preventing access.

FUSE CONTACTS*

Provides protection against short circuit and overload conditions

* Optional



CONNECTION CORDS

An important consideration for the customer is to understand who will provide the cord set to connect the generator. If the customer is planning on renting the generator there needs to be a discussion with the rental company to ascertain if the rental company will be providing the cord sets. If so, the customer needs to ask what type of connectors are on the cords. Another option available to customers is to purchase the cord sets from Generac and keep the cords onsite. This guarantees that the proper plugs are onsite when needed.

DESIGNED FOR ALL CUSTOMERS

The PSTS design includes elements for the user and the contractor alike.

For the User:

- Color-coordinated receptacles
- Trap-door design
- Receptacle compartment interlock
- Simple operation

For the Contractor:

- Improved conduit entry options
- Lifting eyes
- Mounting assist bracket
- 100% copper conductors
- Copper foil wrapped electrical connections

GENERAC®



201901502 REV 06/20

©2020 Generac Power Systems. All rights reserved.
Specifications are subject to change without notice.

www.Discount-Equipment.com