DESCRIPTION
Generac 600-800 amp non-service rated switches are compatible with the full 22-150kW line of liquid-cooled generators. The switches are open transition and are available in 120/240 1ø, 120/208 3ø, 120/240 3ø, and 277/480 3ø.

STANDARD FEATURES
600-800 amp non-service rated transfer switches are housed in a rugged steel NEMA/UL Type 3R enclosure, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a UL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands.

DPM TECHNOLOGY (single-phase switches only)
Through the use of Digital Power Management technology (DPM), each of these switches has the capability to truly manage two air conditioning loads with no additional hardware. When used in tandem with the individual Power Management Modules (PMM), up to four more additional loads can be intelligently managed.
600-800 Amps

Non-Service Rated Transfer Switches

Functions
All timing and sensing functions originate in the generator controller

- Utility voltage drop-out: 10 second factory set, adjustable between 2-1500 seconds by a qualified dealer
- Timer to generator start: 5 seconds
- Engine warm up delay: 5 seconds
- Standby voltage sensor: 60% for 5 seconds
- Utility voltage pickup: >80%
- Re-transfer time delay: 15 seconds
- Engine cool-down timer: 60 seconds
- Exerciser: 12 minutes every 7 days

The transfer switch can be operated manually without power applied.

*When used in conjunction with units utilizing Evolution™ controls

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>RTSR600A3</th>
<th>RTSN600G3</th>
<th>RTSN600J3</th>
<th>RTSN600K3</th>
<th>RTSR800A3</th>
<th>RTSN800G3</th>
<th>RTSN800J3</th>
<th>RTSN800K3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amps</td>
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<td>800</td>
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<tr>
<td>Voltage</td>
<td>120/240 1Ø, 120/208 3Ø, 277/480 3Ø</td>
<td>120/240 1Ø, 120/208 3Ø, 277/480 3Ø</td>
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<tr>
<td>Load Transition Type</td>
<td>Open Transition</td>
<td>Open Transition</td>
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<tr>
<td>Enclosure Type</td>
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<td>NEMA/UL 3R</td>
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<td>Withstand Rating (Amps)</td>
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<td>65,000</td>
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<tr>
<td>Lug Range</td>
<td>1/0 - 500 MCM</td>
<td>4/0 - 500 MCM</td>
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</table>

Features
- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 160 millisecond transfer time.
- Single coil design.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R (indoor/outdoor rated) rugged steel enclosure is standard.
- Limited 5 Year Warranty.

Dimensions

<table>
<thead>
<tr>
<th>Voltages*</th>
<th>Height (in./mm)</th>
<th>Width (in./mm)</th>
<th>Depth (in./mm)</th>
<th>Weight (lbs/kilos)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/240 1Ø, 120/208 3Ø, 277/480 3Ø</td>
<td>61.4/1559.6</td>
<td>66/1676.4</td>
<td>30/762</td>
<td>36/914.4</td>
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<tr>
<td>277/480 3Ø</td>
<td>61.4/1559.6</td>
<td>66/1676.4</td>
<td>30/762</td>
<td>36/914.4</td>
</tr>
</tbody>
</table>

*Includes 600 & 800 amp switches.