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Typical* Automatic Transfer Switch Relay & Sequence Of Operation***

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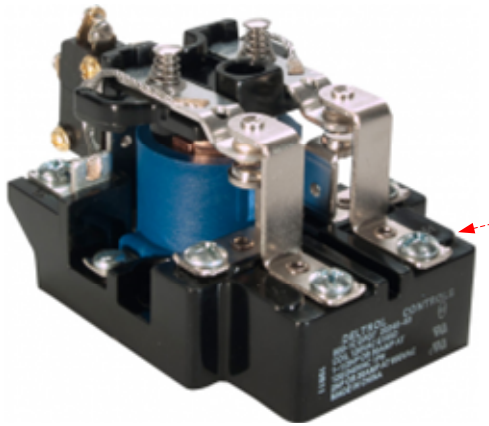

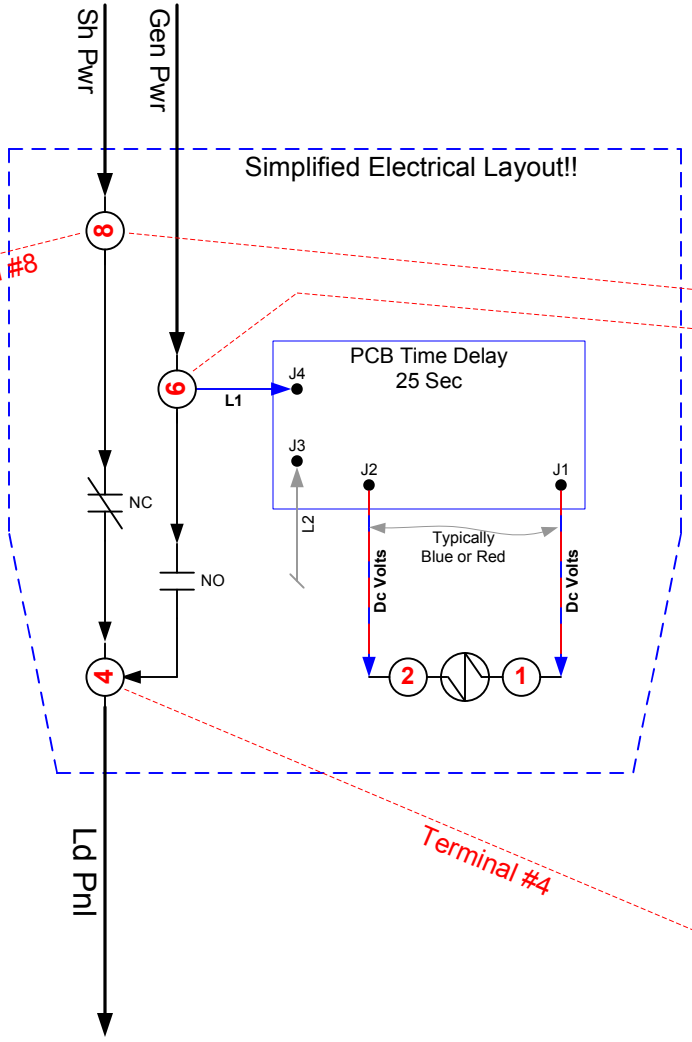

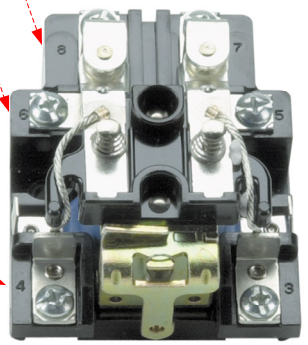

** RELAY OPERATION… Std Factory Wiring...
1. Shore power is "default". Shore power enters terminal #8, passes thru NC contact to terminal #4 and exits to load panel!

2. Generator is started… Power enters terminal #6, passes **to** NO contact & timer (starting countdown). At the end of countdown NC contact opens interrupting shore power & NO contact closes allowing gen power to pass thru to terminal #4 and exit to load panel...

NOTE: By "reducing the electrical loads" *** before starting the GENERATOR will extend the life and reduce maintenance on the ATS and generator.

*** SUB NOTE: Generators not performing at peak performance may not be able to stabilize under heavy starting loads causing voltage sags / surges lower or higher than the system or equipment design.

* Typical…
1. DPDT
2. Coil: 110V Dc
3. Timer Pcb Input: 120V Ac
4. Timer Pcb Output: 95 - 135V Dc
5. Contact Rating: 30 Or 50 Amps
6.