

PE1500RC Series Digital Controls Mini-Wave

PE1500RC Series Mini-Wave Wireless Pool/Spa Control Panels

For pool/spa combinations or pool/water feature combinations, the PE1541RC includes a PB313E one circuit electronic timer for controlling the filter pump, two PE24VA valve actuators, Wireless Panel Mounted Transceiver PE650 and Hand-Held Transceiver PE950, which allows the system to display the status of each of the four on-demand circuits, pool and spa water temperature, pool and spa thermostat set point, heating status and overall communication status. PE1501RC does not include actuators and is designed for pool or spa applications.

Specifications:

Panel Rating: 100 Amp, 120, 240 VAC or 120, 208 VAC single phase

Switch Rating: 17 Amp Resistive, 120, 240 VAC, 50/60 Hz; 1.5 HP, 120 VAC, 50/60 Hz; 3.0 HP, 240 VAC, 50/60 Hz; 10 Amp Tungsten, 120, 240 VAC, 50/60 Hz

Shipping Weight: 24.3 lbs. (10.9 kg)

Agency Approval: CSA/C-US



PE1541RC



PE1501RC



PA120

143T145A

Model #	Timer	Circuits	Actuators	Switch	Clock Supply Volts 50/60 Hz
PE1541RC	PB313E	4	2	4 - DPST	120, 240
PE1501RC	PB313E	4	None	4 - DPST	120, 240

Note: See Page 20-21 for PE650 and PE953 specifications.

PA120 Relay (24 VAC Coil) Booster/Cleaner Pump, Water Feature or Extra Circuit

If you need to control a booster/cleaner pump, water feature or just require an additional circuit, the PA120 can be added as circuit #3 to your Mini-Wave Control Center. If used as a booster/cleaner pump relay, you will need to program your PE953 Wireless Hand-Held Transceiver to lock out the booster/cleaner pump whenever your valve actuators change from the pool position to the spa position. This relay requires a 24 VAC coil, not a 24 VDC coil like the remaining four relays.

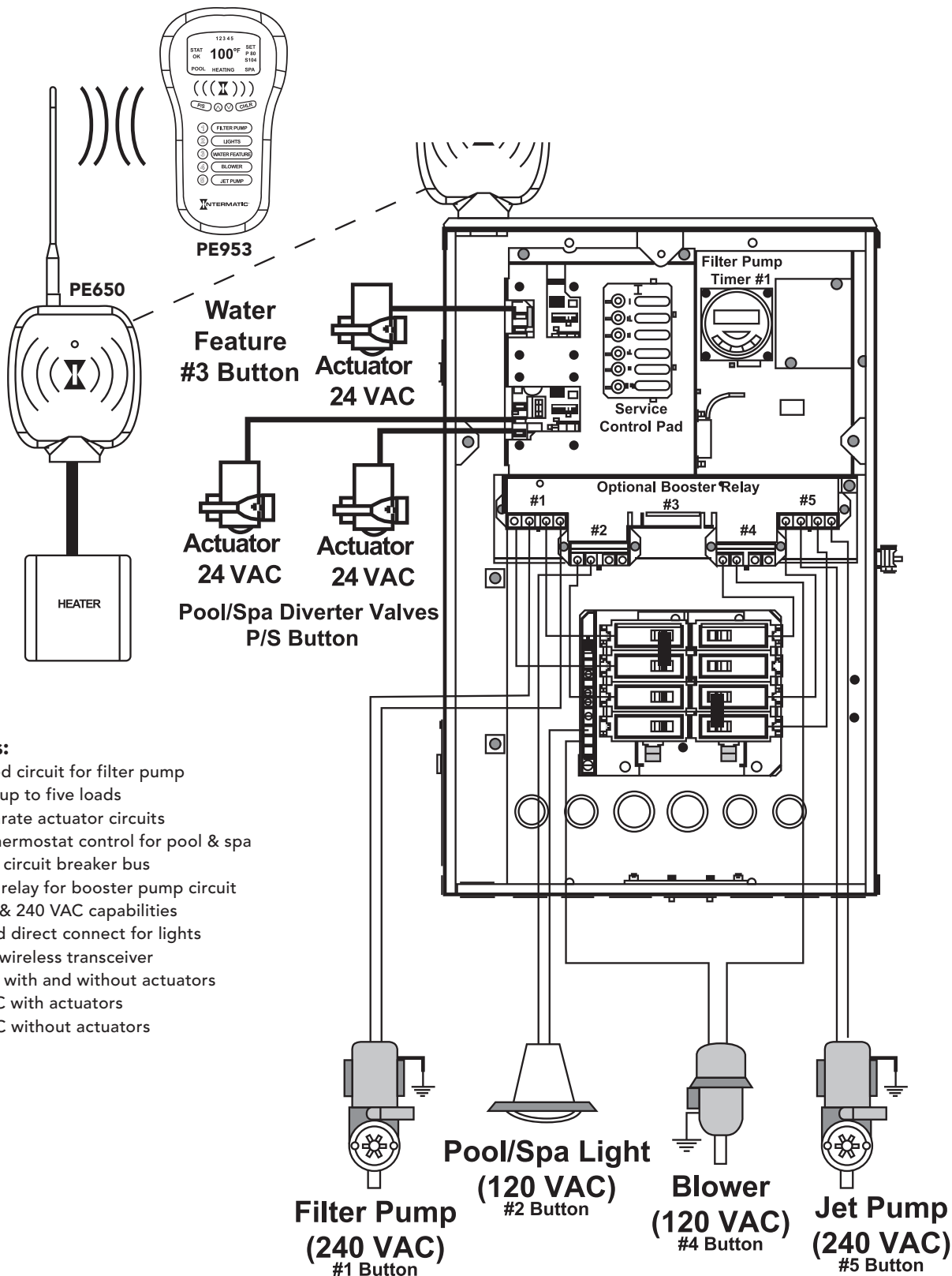
143T145A (24 VDC Coil) Replacement Relay

The 143T145A is the replacement relay for the I-Wave, Mini-Wave or most any other competitors control system available on the market today. Capable of controlling up to a 3 HP motor, it has a 24 VDC coil, and comes equipped with a 10 in. red/black lead wire and two pin connector suitable for most control systems.

Model #	Description	Case Qty.	Case Weight
PA120	Relay - DPST, 24 VAC coil	1	0.4 lbs. (0.2 kg)
143T145A	Relay - DPST, 24 VDC coil	1	0.4 lbs. (0.2 kg)

PE1500RC Series Mini-Wave Applications

Mini-Wave Application PE1541RC & PE1501RC



Features:

- One timed circuit for filter pump
- Controls up to five loads
- Two separate actuator circuits
- Heater thermostat control for pool & spa
- 100 Amp circuit breaker bus
- Optional relay for booster pump circuit
- 120 VAC & 240 VAC capabilities
- Approved direct connect for lights
- Z-Wave® wireless transceiver
- Available with and without actuators
- PE1541RC with actuators
- PE1501RC without actuators