

# Digital Controls

## PE100 Series Mini PE Series Digital Pool or Spa Controls

Intermatic's Mini-PE Series Digital Controls couple the standard features of our compact T100 Series mechanical time switches with the convenience of digital automation. One of Intermatic's latest innovations, the P1353ME allows the ability to program up to three circuits. Beyond single and two-speed pump/booster pump applications, auxiliary modes can control pumps up to 3HP as well as underwater, garden and/or fountain lighting.

Countdown and override features allow cycle interruptions when pool/spa service is required. All timing and protection associated with filter pump/booster pump combos and two-speed pumps has already been integrated into the digital software. The Mini-PE Series is available in both metal and plastic enclosures and with a wired remote command, freeze probe or both. See chart below for details.

Intermatic makes it simple to convert your Mini-PE Series Digital Control into a Wireless Control System. Simply install a Panel Mounted Transceiver (RC650) and Hand-Held Transceiver (PE950) to any Mini-PE Series control, which allows the system to display the status of each of the three circuits as well as pool or spa water temperature, pool or spa thermostat set point, heating status and overall communication status.

### Applications

- Single Speed Pump/Booster Pump Combos
- Water Feature Applications
- Pool & Spa Lighting
- Two-Speed Pump/Booster Pump Combos
- Garden & Fountain Applications
- Landscape Lighting

### Specifications

**Case:** NEMA 3R rated for indoor-outdoor installation. 9-3/8" (23.8 cm) high, 5-1/2" (14.0 cm) wide, 3-5/8" (9.2 cm) deep in beige finish. "P" suffix models are same dimensions, except made from outdoor grade plastic.

**Knockouts:** Combination 1/2" – 3/4" nominal knockouts, one on back and each side of case and two on bottom.

**Switch Rating (each circuit):** 20 Amp Resistive, 120/240 VAC, 50/60 Hz; 20 Amp FLA @ 120 VAC, 96 Amp LRA @ 120 VAC, 50/60 Hz; 17 Amp FLA @ 240 VAC, 80 Amp LRA @ 240 VAC, 50/60 Hz; 5 Amp Tungsten, 120/240 VAC, 50/60 Hz; 5 Amp Ballast, 120/240V VAC, 50/60 Hz

**Shipping Weight:** 3.7 lbs (1.7 kg)

**Agency Approval:** CSA/C-US

| Model #  | Description  | Switch   | Clock Supply<br>Volts 50/60 Hz |
|----------|--|----------|--------------------------------|
| PE153    | Digital Time Clock in Metal Enclosure  | 3 - SPST | 120 or 240                     |
| PE153W   | Digital Time Clock in Metal Enclosure with 100' Wired Remote Command                             | 3 - SPST | 120 or 240                     |
| PE153F   | Digital Time Clock in Metal Enclosure with Freeze Protection Probe                               | 3 - SPST | 120 or 240                     |
| PE153WF  | Digital Time Clock in Metal Enclosure with 100' Wired Remote Command & Freeze Protection Probe   | 3 - SPST | 120 or 240                     |
| PE153P   | Digital Time Clock in Plastic Enclosure  | 3 - SPST | 120 or 240                     |
| PE153PW  | Digital Time Clock in Plastic Enclosure with 100' Wired Remote Command                           | 3 - SPST | 120 or 240                     |
| PE153PF  | Digital Time Clock in Plastic Enclosure with Freeze Protection Probe                             | 3 - SPST | 120 or 240                     |
| PE153PWF | Digital Time Clock in Plastic Enclosure with 100' Wired Remote Command & Freeze Protection Probe | 3 - SPST | 120 or 240                     |

NOTE: See page 16 for PE650 and PE950 specifications and page 15 for P1353ME specifications



PE153



PE153W



PE153F



PE153WF