

# MODEL: PE15300 CLASS CTL DISTRIBUTION/ CONTROL PANEL WITH 3-CIRCUIT DIGITAL CONTROL



**IN RAINPROOF (TYPE 3R) ENCLOSURE, FOR INDOOR/OUTDOOR USE**

**SUITABLE FOR SWIMMING POOL/SPA APPLICATIONS AND FOR DIRECT CONNECTION OF UNDERWATER LIGHTS. 90 AMP PER LEG, 180 AMP MAX., 120/240 VOLT OR 120/208 VOLT SINGLE PHASE, (THREE WIRE) AC.**

**IMPORTANT:** This Control Panel must be installed according to the National Electrical Code (including Article 680) or Canadian Electrical Code (including Section 68) and Local Electrical Codes. This installation is subject to the approval by the local inspection authority. USE COPPER CONDUCTORS ONLY. Do not exceed the maximum ratings of individual components, wiring devices, and current carrying capacity of conductors. For grounding of the installation, refer to Article 250 and 680 of the National Electrical Code. (For Canadian Installations: Section 10 and 68 of the Canadian Electrical Code). Install only APPROVED wiring device(s) inside the enclosure. An APPROVED wiring device may be installed in the rectangular side knockout provided. When panel is outdoors, an APPROVED rainproof cover must be installed over the wiring device in the side knockout. If this enclosure is used for direct connection of underwater lights, refer to 1999 NEC 680-21(b), 2002 NEC 680-24(b) or CEC 68-060, 062 and 066 for further details. This Control should not be connected to any equipment which would cause bodily injury or property damage should it be activated unexpectedly. After wiring, install front panel over wiring compartment.  
**KEEP DOOR CLOSED AT ALL TIMES.**

**NOTES:**

- Any Intermatic T100M or ET100CM Series Time Switch, EP101 or EP104 Mechanism, PF1000M Series Freeze Protection or RC2000M Series Air Switch mechanisms, P1353ME mechanism, or Pool-to-Spa mechanism may be installed in the bracket(s) provided or in the event an existing mechanism(s) is replaced. If a filler plate is needed, contact factory.
- If this control panel requires bonding, attach an APPROVED bonding terminal of a suitable size using the mounting hole(s) provided on the bottom of the enclosure (156T11047A may be ordered).
- Wiring devices may be installed in this control panel (order 21T156A (4) stand-offs for mounting).

WIRING INFORMATION - COPPER CONDUCTORS ONLY							
WIRE SIZE 75° C MIN INSULATION	SUPPLY CIRCUIT BREAKER RATING	TERMINAL TORQUE*		MAX MOTOR LOAD (CONTINUOUS DUTY)		GENERAL PURPOSE BRANCH CIRCUIT BREAKER RATING	GENERAL PURPOSE BRANCH CIRCUIT MAXIMUM CURRENT CAPACITY
		LINE AND NEUTRAL MAIN LUGS	NEUTRAL AND GROUND	120V.	240V.		
14	15	35	20	1/2	1	15	12
12	20	35	20	1	2	20	16
10	30	35	20	1 1/2	3	30	24
8	50	40	25	---	---	---	---

**3-CIRCUIT DIGITAL CONTROL RATINGS:**

CLOCK SOURCE VOLTAGE: 120/240VAC, 50/60 Hz.  
 POWER CONSUMPTION: 6.0 Watts Max.  
 CONTACT CONFIGURATION: SPST - each circuit

**CONTACT RATINGS - EACH CIRCUIT,**

- 20A Resistive, 120/240 VAC, 50/60 Hz,
- 20A FLA @ 120 VAC, 96A LRA @ 120 VAC, 50/60 Hz.
- 17A FLA @ 240 VAC, 80A LRA @ 240 VAC, 50/60 Hz.
- 5 Amps Tungsten, 120/240 VAC, 50/60 Hz.
- 5 Amps Ballast, 120/240 VAC, 50/60 Hz.

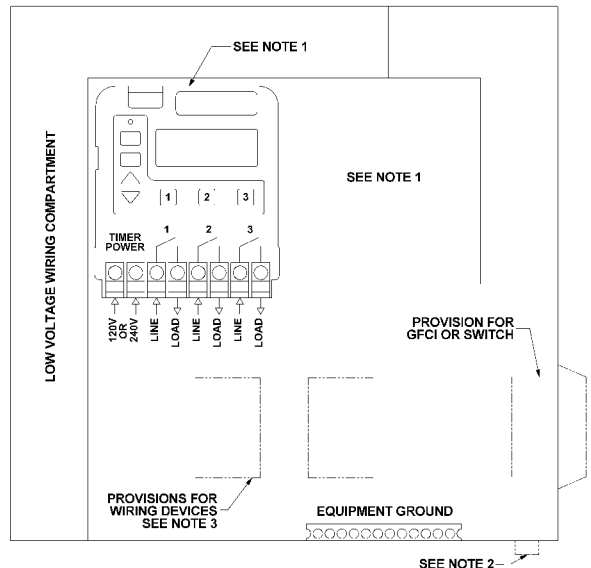
EVENTS PER CIRCUIT: 3 On/Off Events Per Circuit

MEMORY RETENTION:

- 40 Year retention for all programmed settings.
- 8-hour time retention

**P1353ME OPERATING INSTRUCTIONS**

- Press PROG Key to cycle through menu options.
- Press UP and DOWN arrow keys to change program settings.
- Press ENTER key to save changes and exit programming mode.
- Press ON/OFF keys to manually turn devices ON or OFF.



**INTERMATIC INCORPORATED**  
 SPRING GROVE, ILLINOIS 6081-9698