TDC POWERE LOW VOLTAGE GARDEN LIGHTING

MODEL NO.: DA-100-12W-1

100 WATTS 12 VOLT LANSCAPE LIGHTING TRANSFORMER

FOR USE ON 120 VOLT CIRCUITS ONLY.

OUTDOOR RECEPTACLE SHOULD BE OF "GFCI" TYPE

NOT FOR USE WITH SUBMERSIBLE FIXTURES.

THIS TRANSFORMER HAS AN OUTPUT RATING OF 100 WATTS AT
12 VOLTS AC. THE LOAD CONNECTED TO THIS TRANSFORMER
SHOULD NOT EXCEED 100 WATTS. FOR EXAMPLE: 2 x 50 WATTS; 5 x 20 WATTS.

THE AMBIENT TEMPERATURE RANGE IN WHICH THIS TRANSFORMER
WILL OPERATE IS FROM -22 DEGREE FAHRENHEIT TO 105 DEGREE
FAHRENHEIT. THIS TRANSFORMER SHOULD BE MOUNTED WITH ITS
BOTTOM EDGE AT LEAST 40 INCHES ABOVE THE GROUND.
THE TRANSFORMER SHOULD HAVE NORMAL DAYLIGHT EXPOSURE.
DO NOT MOUNT THE TRANSFORMER IN A DARK OR HEAVILY
OBSCURED LOCATION, AS THE PHOTOCELL WILL TURN THE SYSTEM
ON PREMATURELY.
CONVERSELY, DO NOT INSTALL ANY LIGHT NEAR, OR POINTING AT THE
 PHOTOCELL AS THE SYSTEM WILL CYCLE OFF AND ON.

OPERATING INSTRUCTIONS:

PLUG IN THE UNIT IN.
TURN THE ROTARY KNOB TO THE DESIRED POSITION.
"OFF" OVERRIDES THE PHOTOCELL AND TURNS THE SYSTEM OFF MANUALLY.
"ON" OVERRIDES THE PHOTOCELL, AND TURNS THE SYSTEM ON MANUALLY.
THIS MAY BE REQUIRED DURING INSTALLATION OR DAYTIME TESTING.
"AUTO" TURNS THE SYSTEM ON AT DUSK AND OFF AT DAWN.
"4H" TURNS THE SYSTEM ON AT DUSK AND OFF AFTER 4 HOURS.
"6H" TURNS THE SYSTEM ON AT DUSK AND OFF AFTER 6 HOURS.
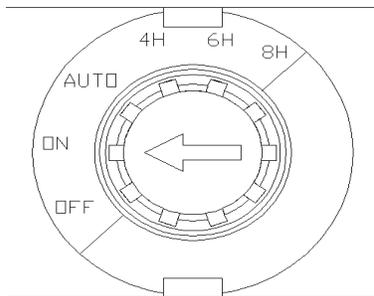"8H" TURNS THE SYSTEM ON AT DUSK AND OFF AFTER 8 HOURS.

Fig4 (Rotary Time Control Switch)

A SHORT CIRCUIT OR AN OVERLOAD WILL CAUSE THE BREAKER TO TRIP AND
SHUT OFF THE POWER TO THE SYSTEM. REMOVE THE CAUSE OF THE PROBLEM
WAIT FOR FOUR MINUTES, AND RESET THE BREAKER ON THE FRONT OF THE
CONTROL PANEL BY PUSHING IN THE "RESET" BUTTON.

CONNECTING THE LOW VOLTAGE CABLE

STRIP 1/2 INCH OF INSULATION OFF THE ENDS OF THE LOW VOLTAGE
CABLE. INSERT STRIPPED ENDS UNDER PRESSURE PLATES.
TIGHTEN PRESSURE PLATES SECURELY ONTO THE BARE WIRE.
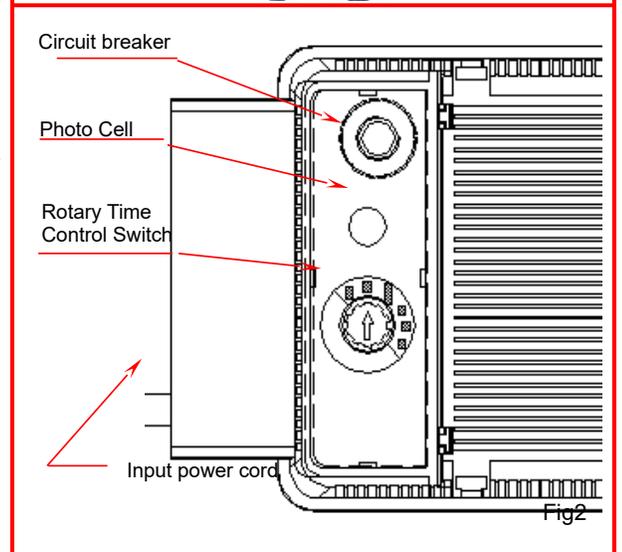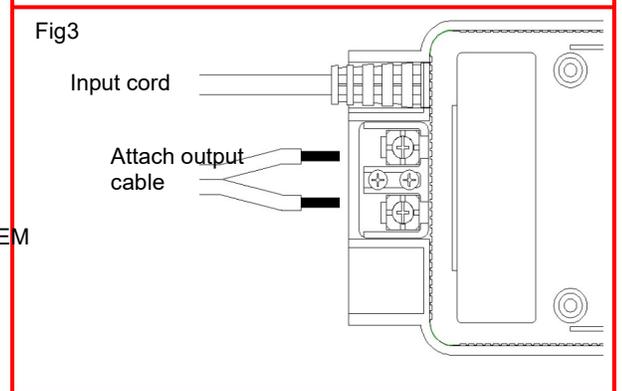MAKE SURE INSULATION CLEARS PRESSURE PLATES.

Fig1

Circuit breaker

Photo Cell

Rotary Time
Control Switch

Input power cord

Fig2

Fig3

Input cord

Attach output
cable