

# 7-Day Electronic Time Switches

## ET1700 Series

### 7-Day Time Switch (Permits Different Operation Each Day)

Upgrading to an electronic time switch has never been easier with the ET1700 series. This series replaces our ET170 series.

**Features include:**

- Permits different operation each day
- Multi-volt operation from 120 to 277 VAC, 50/60 Hz
- To-the-minute programming for accurate load control and reduced energy costs
- Up to 28 set points or events (14 ON/14 OFF per channel) can be distributed throughout the days of the week
- Automatic Daylight Saving Time adjustment (Factory Enabled)
- Non-volatile EEPROM memory protects programming indefinitely
- Temporary override or permanent manual override available via push buttons

**Specifications:**

**Enclosure Options:** Standard: NEMA 1 Gray Painted Drawn Steel (see page 46 "A")

'R' Option: NEMA 3R Gray Painted Drawn Steel (see page 46 "B")

'PD82' Option: NEMA 3R Gray High-Impact UV Resistant Polycarbonate Plastic with Clear Cover (see page 46 "C")

**Knockouts:** Combination 1/2 - 3/4 in. nominal knockouts, one on back and each side of enclosure and two on bottom

**Optional Enclosures:** See page 46-47 for optional enclosures.

*Note: The electronic mechanism snaps into the standard Intermatic time switch enclosure, replacing mechanical mechanisms, if desired.*

**Cycle:** ALL models 50/60 Hz.

**Switch Rating:** 30 Amp Inductive/Resistive, 24, 120, 240, 277 VAC, 60 Hz; 20 Amp Resistive, 28 VDC; 1 HP, 120 VAC, 60 Hz; 2 HP, 240 VAC, 60 Hz; 5 Amp Tungsten, 120-240 VAC, 60 Hz; 20 Amp Ballast, 120-277 VAC, 60 Hz.

**ET1715 models Normally Open (NO), Normally Closed (NC) contact ratings:**

20 Amp (NO), 10 Amp (NC) Resistive/Inductive, 120, 240 VAC; 1 HP (NO), 1/4 HP (NC), 120 VAC; 2 HP (NO), 1/2 HP (NC), 240 VAC; 5 Amp Tungsten, 120, 240 VAC; 20 Amp (NO), 3 Amp (NC) Ballast, 120-277 VAC

**Pulse Feature:** 2-Circuit models feature 2-Second pulse option for contactor and bell ringing applications

**Auto DST:** Automatic Adjustment for Daylight Saving Time (DST)

**Battery Backup:** Field replaceable "AAA" batteries maintain date and accurate time keeping for 3 years minimum. Up front replacement does not require removal of mechanism

**Wiring Terminals:** #18 to #10 AWG wire

**Minimum ON/OFF Times:** 1 minute

**Maximum ON/OFF Times:** 6 days 23 hours 59 minutes

Model #	Circuits	Switch	Clock Volts AC	Amp Rating	HP Rating	Enclosure
ET1705C	1	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 1
ET1705CPD82 <sub>1</sub>	1	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 3R
ET1705CR	1	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 3R
ET1715C	1	SPDT	120, 208, 240, 277	20/10	1HP/2HP	NEMA 1
ET1715CPD82 <sub>1</sub>	1	SPDT	120, 208, 240, 277	20/10	1HP/2HP	NEMA 3R
ET1715CR	1	SPDT	120, 208, 240, 277	20/10	1HP/2HP	NEMA 3R
ET1725C <sub>2</sub>	2	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 1
ET1725CPD82 <sub>1 2</sub>	2	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 3R
ET1725CR <sub>2</sub>	2	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 3R

1 CPD82 Models feature NEMA 3R high impact polycarbonate plastic enclosure with clear cover for easy viewing of time switch mode and current status.

2 ET1725 Models feature contacts that can be field configured to act as two independently operated SPST, one simultaneously operated DPST, or independently pulsed SPST for contactor and bell ringing applications.



**ET1700 Series**

- Auto Daylight Saving Time Adjustment
- Multi-Volt 120, 208, 240 & 277 VAC
- Pulsed Contact Feature



UL917 2.5 lbs -40°F  
C22.2-177 1.1 kg (-40°C)  
LR3730 to 155°F (68°C)



**CPD82**

NEMA 3R with clear cover

**ET100 SKU Conversion Chart:**

**Delisted Part.....Recommended Cross**

ET171C .....	ET1705C
ET171CR .....	ET1705CR
ET173C .....	ET1725C
ET174C .....	ET1725C
ET175C .....	ET1715C
ET279C .....	ET1725C