# 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  $\frac{1}{2} - \frac{3}{4}$  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), <sup>1</sup>/<sub>4</sub> HP (NC), 120 VAC; 2 HP (NO), <sup>1</sup>/<sub>2</sub> 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	ı 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	ı 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
ET1725C2	2	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 1
ET1725CPD82	12 <b>2</b>	SPST	120, 208, 240, 277	30	1HP/2HP	NEMA 3R
ET1725CR 2	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**











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

