

# DT SERIES

## AUTOMATIC VOLTAGE DETECTION 24 HOUR OR 7 DAY HOUR TIME SWITCH



**MORE WIRING  
SPACE!**

### APPLICATIONS



#### DTU40

- Pumps, motors, fans
- Signs and lighting
- Water heaters
- Heating and air conditioning

#### DTWH40

- Water Heaters
- This timer turns OFF when rates are high and turns OFF when no one is home.

### ORDERING INFO

CATALOG NO.	UPC CODE	TIMER SUPPLY (VAC) 60Hz	NO. OF CHANNELS	DRY CONTACTS (UNPOWERED)
DTU40	24004	120/208-240/277	1	DPDT
DTWH40	24005	120/240	1	DPDT

### FEATURES

**SCHEDULING:** 7 ON & OFF pairs of set points for individual programs on each day of the week. Minimum setting is 1 minute.

**DAYLIGHT SAVING:** Manual button push for one hour adjustment.

**MANUAL OVERRIDE:** Until the next regularly scheduled ON or OFF, automatic operation then resumes.

**EXTERNAL MANUAL OVERRIDE:** DTWH40 only on clear door. Override without opening case.

**RANDOM MODE:** Varies ON and OFF times to create "lived-in" look when away.

**CLOCK FORMAT:** AM/PM.

**POWER OUTAGE BACKUP:** Battery retains time and schedule.

### SPECIFICATIONS

**INPUT VOLTAGE:** 120/208-240/277 VAC, 50/60 Hz (auto detection). DTWH40 is 120/240VAC (auto detection).

**TERMINAL RANGE:** #8 - #18AWG.

**OPERATING TEMPERATURE:** -31°F to 116°F (-35°C to +47°C).

**POWER CONSUMPTION:** 6VA Max.

**ENCLOSURE:** DTU40 polycarbonate Indoor/Outdoor NEMA 3R. DTWH40 polycarbonate indoor NEMA 1 enclosure with clear cover. Both with lockable hasp (see page 153 for enclosure dimensions).

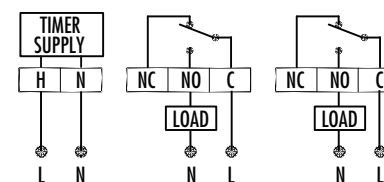
### CONTACT RATINGS

TYPE	VOLTAGE	RATING	
		NO	NC
Resistive	120-277VAC	40A	30A
Inductive	120-277VAC	30A	15A
Ballast	120VAC	30A	10A
	277VAC	20A	10A
Tungsten	120VAC	15A	
Motor	120VAC	1HP/30FLA/90LRA	1/4HP/12FLA/30LRA
	240VAC	2HP/20FLA/60LRA	1/2HP/12FLA/33LRA
Pilot duty	120VAC	720VA	290VA
	240VAC	720VA	260VA
Resistive	28VDC	20A	
Max above 104°	120-277VAC	30A	

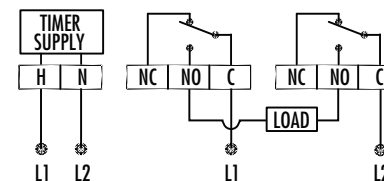
### WIRING DIAGRAMS

#### DTWH40

Typical Wiring Diagram, 120VAC

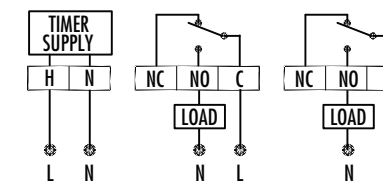


Typical Wiring Diagram, 240VAC



#### DTU40

Typical Wiring Diagram, 120/277VAC Application



Typical Wiring Diagram, 208-240 VAC Application

