

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).

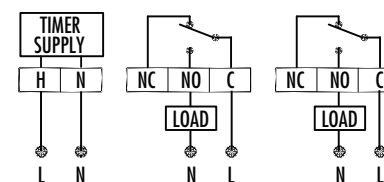
CONTACT RATINGS

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	

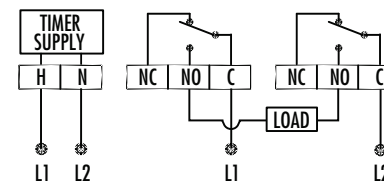
WIRING DIAGRAMS

DTWH40

Typical Wiring Diagram, 120VAC

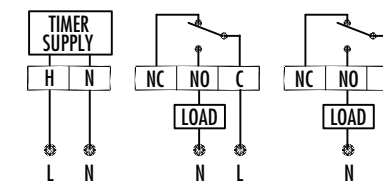


Typical Wiring Diagram, 240VAC



DTU40

Typical Wiring Diagram, 120/277VAC Application



Typical Wiring Diagram, 208-240 VAC Application

