

# TU40 SERIES

UNIVERSAL MULTI-VOLTAGE  
SAME ON/OFF TIMES EACH DAY  
24 HOUR TIME SWITCH



NEW!

**MORE WIRING SPACE!**

## APPLICATIONS



- Lighting
- Pumps
- Signs
- Air conditioning
- Water heaters
- Fans

## FEATURES

**MULTI-VOLTAGE:** Automatic input voltage detection.

**EASY SET:** Real time clock face and day/night markings for setting trippers.

**SCHEDULING:** Minimum ON is setting 15 minutes. Dial has 96 captive trippers.

**4 in 1 CONTACTS:** DPDT can also wire as SPST, SPDT, & DPST.

**BYPASS SWITCH:** Sets timer to permanent ON, OFF or timer operation.

**VACATION MODE:** Set timer OFF with no change of tripper settings.

**INDICATING LIGHTS:** Power ON green and load ON red and LED indicators.

## ORDERING INFO

CATALOG NO.	UPC CODE	TIMER SUPPLY (VAC) 60Hz	DRY CONTACTS (UNPOWERED)	ENCLOSURE TYPE
TU40	24000	120/208-240/277	DPDT	Plastic Indoor/Outdoor NEMA 3R
TU40-Y	24001	120/208-240/277	DPDT	Metal Indoor NEMA 1

## SPECIFICATIONS

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

**TIMING ACCURACY:** Line frequency.

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

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

**POWER CONSUMPTION:** 6 watts maximum.

**ENCLOSURE:** Polycarbonate Indoor/Outdoor NEMA 3R or -Y suffix metal indoor NEMA 1 enclosure. Both with lockable hasp standard (see page 153 for enclosure dimensions).

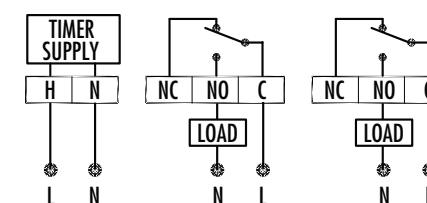
## CONTACT RATINGS

TYPE	VOLTAGE	RATING	
		NO	NC
General Purpose	120-277VAC	40A	30A
Inductive	120-277VAC	30A	15A
Ballast	120VAC	30A	10A
	277VAC	20A	10A
Tungsten	120VAC	15A	
Motor Load	120VAC	1HP, 30FLA, 90LRA	¼HP, 12FLA, 30LRA
	240VAC	2HP, 20FLA, 60LRA	½HP, 12FLA, 33LRA
Pilot Duty	120VAC	720VA	290VA
	240VAC	720VA	360VA
Resistive	28VDC	20A	
Max above 104°F	120-277VAC	30A	

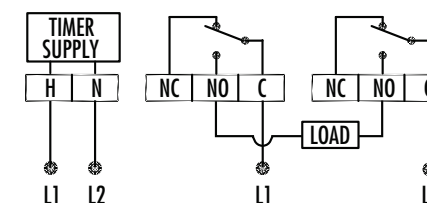
## WIRING DIAGRAMS

### DTU40

Typical Wiring Diagram, 120/277VAC Application



Typical Wiring Diagram, 208-240 VAC Application



## SPECIFICATION WRITER'S GUIDE

Furnish and install, where shown, a TORK time switch with 24 hour dial. The Time switch input shall be multi-voltage input 120/208/240/277VAC. Time Switch contacts shall be capable of switching 40 amperes per pole continuously up to 277 volts, and shall be DPDT, covering SPST, SPDT and DPST applications as required. Captive ON/OFF trippers shall accomplish 1-48 operation per day. 96 trippers permits 15 minutes switching changes. Enclosure shall be Heavy duty lockable plastic Indoor/Outdoor NEMA 3R surface type, finished in beige, with combination 1/2", 3/4" knockouts on bottom sides and back. Provisions shall be made for positive padlocking. Terminal shall be capable of receiving #8-#18 AWG wire. The Time Switch shall be TORK Model TU40\_.