

## SPECIFICATION SHEET

### DTS SERIES MULTIPURPOSE CONTROLS 1, 2 OR 4 CHANNEL 365/7 DAY ADVANCE TIME SWITCH

#### APPLICATIONS

- Indoor and outdoor lighting, heating and air conditioning.
- Security systems, horns and bells.
- Low voltage lighting, Misting and spraying.
- Roof cooling, process functions and clock correction systems.

#### FEATURES

##### SCHEDULING:

99 ON/OFF set points allow individual programs for each day of the week at a minimum 1 minute apart.

##### SEASONS:

1 to 4 with different daily schedules which can wrap around into the new year.

##### HOLIDAYS:

1 to 24 individual dates.

##### SIGNAL/PULSE DURATION:

2 different settings per channel: each 1-99 seconds.

##### DAYLIGHT SAVING:

Automatic adjustment (can be omitted).

##### LEAP YEAR:

Automatic Compensation.

##### MANUAL OVERRIDE:

Until the next regularly scheduled ON or OFF, automatic operation then resumes. In signal mode, activates pulse.

##### CLOCK FORMAT:

AM/PM or 24 Hour Format.

##### POWER OUTAGE BACKUP:

Permanent schedule retention. Supercapacitor provides 7 days of real time back up.

#### SPECIFICATIONS

##### TIMING ACCURACY:

Line Frequency.

##### INPUT VOLTAGE:

120/208-277VAC, 50/60Hz.

##### TERMINAL RANGE:

#14 - #16AWG for line input. #12 - #16AWG load outputs.

##### OPERATING TEMPERATURE:

-40 °F to 149 °F (-40 °C to 65 °C).

##### POWER CONSUMPTION:

6VA Max.

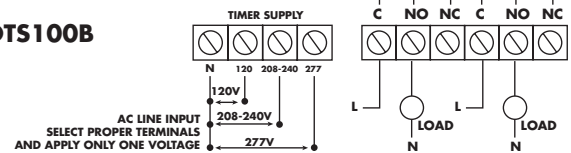
##### ENCLOSURE:

Noryl® Indoor/Outdoor NEMA 3R with lockable hasp.

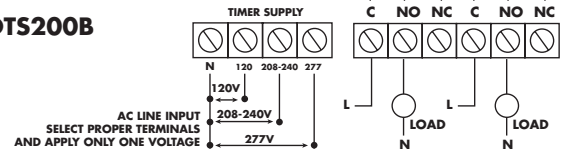


## WIRING DIAGRAM

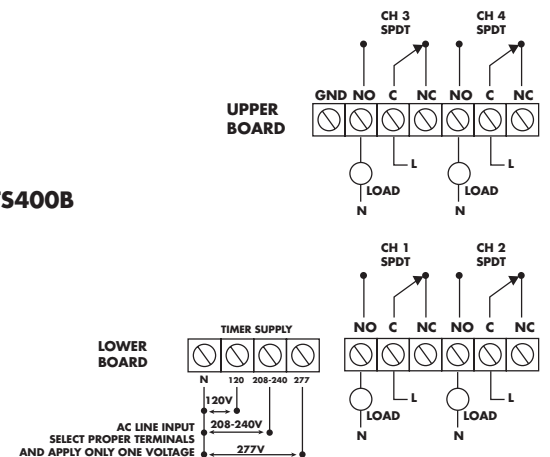
DTS100B



DTS200B



DTS400B



## ORDERING INFO

| CAT. NO. | UPC CODE | TIMER SUPPLY (VAC) 50/60Hz | NO. OF CHANNELS | DRY CONTACTS (UNPOWERED) |
|----------|----------|----------------------------|-----------------|--------------------------|
| DTS100B  | 82185    | 120/208-240/277            | 1               | DPDT                     |
| DTS200B  | 82186    | 120/208-240/277            | 2               | SPDT                     |
| DTS400B  | 82187    | 120/208-240/277            | 4               | SPDT                     |

## CONTACT RATINGS

| TYPE            | DTS100B, DTS200B |           |           | DTS400B       |           |           |
|-----------------|------------------|-----------|-----------|---------------|-----------|-----------|
|                 | VOLTAGE (VAC)    | RATING NO | RATING NC | VOLTAGE (VAC) | RATING NO | RATING NC |
| General Purpose | 24-277           | 30A       | 30A       | 24-277        | 20A       | 20A       |
| Ballast         | 120              | 30A       | 10A       | 120-277       | 13A       | —         |
|                 | 277              | 20A       | 10A       |               |           |           |
| Tungsten        | 120-277          | 15A       | 2A        | 120           | 8A        | —         |
| Pilot Duty      | 120-277          | 720VA     | 720VA     | 120-277       | 720VA     | 360VA     |
| Motor Load      | 120              | 1HP       | 1HP       | 120/240       | 1/2HP     | 1/2HP     |
|                 | 208-277          | 2HP       | 2HP       |               |           |           |
| Resistive       | 28VDC            | 30A       | 30A       | —             | —         | —         |