

## SPECIFICATION SHEET

**DW SERIES**    
**365/7 DAY ADVANCED  
 MULTIPURPOSE CONTROLS  
 1 OR 2 CHANNELS**



### APPLICATIONS

#### 1 CHANNEL

- Outdoor lighting.
- Security lighting.
- Parking lot lighting.
- Canopy lighting.

#### 2 CHANNEL

- HVAC equipment.
- Interior lighting.
- Electric motors.
- Refrigerator defrost control: condensers, heaters.

### FEATURES

#### SCHEDULING:

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

#### SunSet ASTRONOMIC (DWZ100B only):

Adjusts daily to changes in sunset times. Adjustable 10° - 60° Northern or Southern latitudes. Can be individually offset +/- 1 to 240 minutes from both sunset and sunrise times.

#### HOLIDAYS:

1 to 24 individual dates.

#### DAYLIGHT SAVING:

Automatic adjustment  
 (can be omitted).

#### LEAP YEAR:

Automatic Compensation  
 scheduled ON or OFF, automatic operation then resumes.

#### MANUAL OVERRIDE:

Until the next regularly scheduled ON or OFF, automatic operation then resumes.

#### CLOCK FORMAT:

AM/PM or 24 Hour Format

#### POWER OUTAGE BACKUP:

Permanent schedule retention. Supercapacitor provides  
 7 days of real time backup.

### SPECIFICATIONS

#### TIMING ACCURACY:

Line Frequency.

#### INPUT VOLTAGE:

120/208-240-277VAC, 50/60Hz.

#### TERMINAL RANGE:

#14 - #16AWG for line input.

#12 - #16AWG load outputs.

#### OPERATING TEMPERATURE:

-40 °F to +158 °F (-40 °C to 70 °C).

**POWER CONSUMPTION:** 5VA Max.

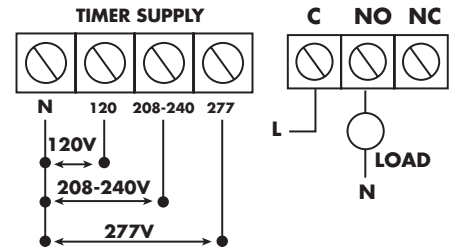
**ENCLOSURE:** Noryl<sup>®</sup> Indoor/Outdoor

NEMA 3R. Suffix -0 metal Indoor/Outdoor NEMA 3.

All with lockable hasp (see page 565 for enclosure dimensions).

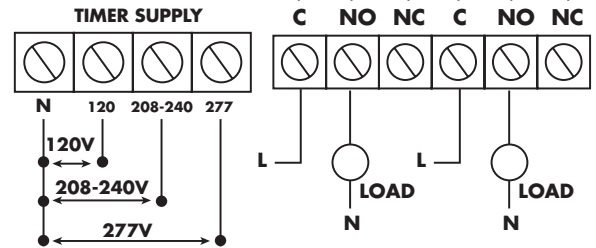
## WIRE DIAGRAM

### DWZ100B SERIES



**AC LINE INPUT  
 SELECT PROPER TERMINALS  
 AND APPLY ONLY ONE VOLTAGE**

### DW200B SERIES



**AC LINE INPUT  
 SELECT PROPER TERMINALS  
 AND APPLY ONLY ONE VOLTAGE**

## ORDERING INFO

CAT. NO.	UPC CODE	TIMER SUPPLY (VAC) 50/60Hz	NO. OF CHANNELS	DRY CONTACTS (UNPOWERED)
<b>DWZ100B</b>	82189	120/208-240/277	1	SPDT
<b>DW200B</b>	82190	120/208-240/277	2	SPDT
<b>DW200B-0</b>	82231	120/208-240/277	2	SPDT

## CONTACT RATING

TYPE	VOLTAGE (VAC)	RATING	
		NO	NC
General Purpose	24-277	30A	30A
Ballast	120	30A	10A
	277	20A	10A
Tungsten	120-277	15A	2A
Pilot Duty	120-277	720VA	720VA
Motor Load	120	1HP	1HP
	208-277	2HP	2HP
Resistive	28VDC	30A	30A