

DIGITAL

365/7 Day SunSet Time Switch

Astronomic Lighting Control

DWZ Series



APPLICATIONS

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

FEATURES

- **Scheduling:** 99 ON & OFF set points allow individual programs for each day of the week at a minimum 1 minute apart.
- **Sunset Astronomic:** 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.
- **Standards:** Listed UL917.
- **Enhanced Switching:** Inrush current limiting technology protects relay contacts for extended life with zero cross type switching.

SPECIFICATIONS

- **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® Indoor/Outdoor NEMA 3R.
- With lockable hasp. (See Pages 464-468 For Dimensions).

WIRING DIAGRAMS

- See Pages 377-388 For Diagrams.



CAT. NO.	UPC CODE	INPUT SUPPLY (VAC) 50/60Hz	NO. OF CHANNELS	OUTPUT DRY CONTACTS
DWZ100B	82189	120/208-240/277	1	DPDT
DWZ200B	82098	120/208-240/277	2	SPDT

TYPE	VOLTAGE (VAC)	RATING	
		NO	NC
General Purpose	240-277	30A	30A
Ballast	120	30A	10A
	277	20A	10A
Tungsten	120-277	15A	2A
Pilot Duty	120-277	720VA	720VA
Motor	120	1HP	1HP
	208-277	2HP	2HP
Resistive	28VDC	30A	30A
Electronic Ballast (LED)	277	16A	—