EWZ201C SERIES
2 Channel Astronomic Time Switch

APPLICATIONS
- Outdoor signs.
- Lighting security.
- Heating and air conditioning.

FEATURES
- Three Contact Settings:
  - Two-Channel: Factory default operates with two independent SPST contacts.
  - Double Pole Option: Software allows option for single channel DPST setting.
  - Momentary Option: For mechanically held contacts; configure with simple jumper change for single channel momentary operation.
- Scheduling: 32 ON & OFF set points for individual programs for each day of the week. Minimum setting is 1 minute.
- Block Holiday: 20 holiday blocks can be set for individual days or for duration of any number of days.
- Daylight Saving: Automatic (can be omitted).
- Leap Year: Automatic Compensation.
- Manual Override: Until the next regularly scheduled ON or OFF, automatic operation then resumes.
- Clock Format: AM/PM.
- Power Outage Backup: Permanent schedule retention. Supercapacitor provides 4 days of real time backup.

SPECIFICATIONS
- Timing Accuracy: Line Frequency.
- Input Voltage: 120 - 277VAC, 50/60Hz (automatic detection).
- Terminal Range: #8 - #16AWG.
- Operating Temperature: -40 °F to 149 °F (-40 °C to 65 °C).
- Power Consumption: 0VA Max.
- Enclosure: Polycarbonate Indoor/Outdoor NEMA 3R is standard with lockable hasp. Suffix -MB without enclosure and includes mounting bracket.

CONTACT RATINGS
- Resistive: 120-277VAC 30A, 28VDC 30A.
- Ballast: 120VAC 30A, 208-277VAC 20A
- Electronic Ballast/LED: 120-277VAC 15A
- Tungsten: 120VAC 15A
- Pilot Duty: 120-277VAC 720W.
- Motor: 120VAC 1HP, 208VAC 1½HP, 240-277VAC 2HP.

ORDERING INFO

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>UPC CODE</th>
<th>INPUT SUPPLY (VAC) 50/60Hz</th>
<th>NO. OF CHANNELS</th>
<th>OUTPUT DRY CONTACTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EWZ201C</td>
<td>82451</td>
<td>120-277</td>
<td>1</td>
<td>DPST</td>
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<td></td>
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<td>SPST</td>
</tr>
</tbody>
</table>
WIRING DIAGRAMS

**EWZ103**

- **Timer Supply**: 1, 2, 3
- **Load**: L, N
- **120/277VAC**

**EWZ201**

- **Timer Supply**: 1, 2, 3
- **CH 1 SPST**: 4, 5, 6
- **Load**: L, N
- **120/277VAC**

**EWZ201** (momentary configuration)

- **Timer Supply**: 1, 2, 3
- **CH 1**: 4, 5, 6
- **Load**: L, N
- **Pulse On**: 120/277VAC
- **Pulse Off**: 120/277VAC

**EWZ201 ONLY**: Unit must be configured for momentary option.