TORK®

SPECIFICATION SHEET

EWZ201C SERIES
2 Channel Astronomic Time Switch

c UL us LISTED

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 contractors: 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.
- **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.
- **Enhanced Switching:** Inrush current limiting technology protects relay contacts for extended life with zero cross switching. Rated for LED lighting drivers and electronic ballasts.

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:** 6VA 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 720VA
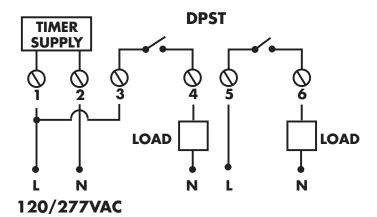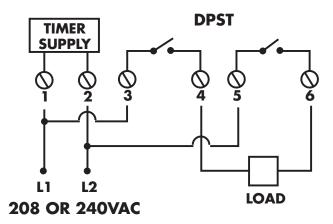- **Motor:** 120VAC 1HP, 208VAC 1½HP, 240-277VAC 2HP.

ORDERING INFO

CAT. NO.	UPC CODE	INPUT SUPPLY (VAC) 50/60Hz	NO. OF CHANNELS	OUTPUT DRY CONTACTS
EWZ201C	82451	120-277	1	DPST
			2	SPST
EWZ201C—MB	82452	120-277	1	DPST
			2	SPST

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WIRING DIAGRAMS

DPST

TIMER SUPPLY

1 2 3 4 5 6

LOAD   LOAD

L   N   N   L   N

120/277VAC

CH 1 SPST   **CH 2 SPST**

TIMER SUPPLY

1 2 3 4 5 6

LOAD   LOAD

L   N   N   L   N

120/277VAC

DPST

TIMER SUPPLY

1 2 3 4 5 6

LOAD

L1   L2

208 OR 240VAC

momentary configuration
CH 1

TIMER SUPPLY

1 2 3 4 5 6

L   N   **PULSE ON**   **PULSE OFF**

120/277VAC   **EWZ201 ONLY: UNIT MUST BE**
CONFIGURED FOR MOMENTARY OPTION