

SPECIFICATION SHEET

EWZ SERIES ASTRONOMIC 7 DAY DIGITAL TIME SWITCH



APPLICATIONS

- Outdoor signs display
- Lighting security
- System heating & air conditioning

FEATURES

SCHEDULING: 20 ON & OFF set points for individual programs for each day of the week. Minimum setting is 1 minute.

ASTRONOMIC: Adjustable 10° - 60° Northern or Southern latitudes. Can be individually offset +/- 1-240 minutes from both sunset and sunrise times.

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 with memory module. Supercapacitor provides 4 days of real time backup.

MOMENTARY OPTION: For mechanically held contractors: Model EW201B only. Configure with simple jumper change for single-channel momentary operation.

SPECIFICATIONS

TIMING ACCURACY: Line Frequency

INPUT VOLTAGE:

120-277VAC, 50/60Hz (automatic detection)

TERMINAL RANGE: #8 - #16AWG

OPERATING TEMPERATURE:

-40° to +149° (-40° to +65°C)

POWER CONSUMPTION: 6VA Max.

ENCLOSURE: Indoor/Outdoor NEMA 3R plastic is standard.

DIMENSIONS:

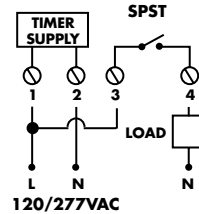
8⁵/₁₆" x 5¹/₁₆" x 3¹/₁₆"

OTHER MOUNTING

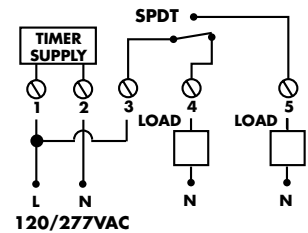
Consult factory for other enclosure or mounting options.

WIRING DIAGRAMS

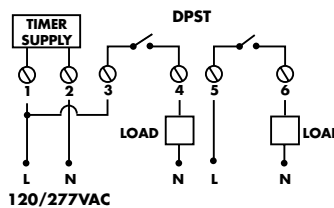
EWZ101



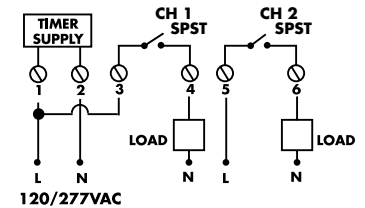
EWZ120



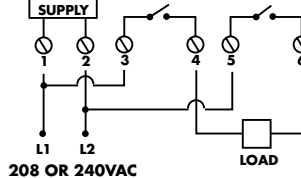
EWZ103



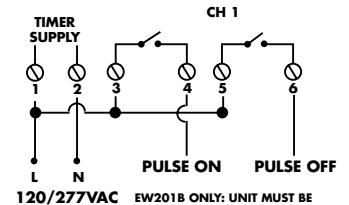
EWZ201



208 OR 240VAC



momentary configuration



EW201B ONLY: UNIT MUST BE CONFIGURED FOR MOMENTARY OPTION

CATALOG NO.	UPC CODE	INPUT SUPPLY (VAC) 50/60Hz	NO. OF CHANNELS	OUTPUT DRY CONTACTS
EWZ101	82470	120 - 277	1	SPST
EWZ103	82473	120 - 277	1	DPST
EWZ120	82471	120 - 277	1	SPDT
EWZ201	82472	120 - 277	2	SPST

TYPE	EWZ101, EWZ103, EWZ201		EWZ120		
	VOLTAGE	RATING NO	VOLTAGE	RATING NO	NC
General Purpose	120-277VAC	40A	120-277 VAC	30A	30A
Inductive	120-277VAC	40A	120-277 VAC	30A	30A
Ballast	120VAC	30A	120VAC	30A	10A
	208-277VAC	20A	208-277VAC	20A	10A
Tungsten	120VAC	15A	120VAC	15A	2A
Pilot Duty	120-277VAC	720VA	120-277 VAC	720VA	720VA
Motor	120VAC	1HP	120VAC	1HP	1HP
	208VAC	1 1/2HP	208VAC	1 1/2HP	1 1/2HP
	240-277VAC	2HP	240-277VAC	2HP	2HP
Resistive	28VDC	30A	28 VDC	30A	30A