TORK CONTROLS

61 DAY TIME SWITCH

MULTIPURPOSE CONTROL

Heating and air conditioning
Lighting security
Outdoor signs

APPLICATIONS

OUTDOOR LIGHTING

PREFERRED FOR

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

ASTRONOMIC: Adjustable 10° - 60° northern or southern latitudes. Can be individually offset +/- 1.24 minutes from both sunset and sunrise times.

DAYLIGHT SAVINGS: 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.

MOEMENTARY OPTIONS: For mechanically held contactors; Model EWZ201 only. Configure with simple jumper change for single channel momentary operation.

ORDERING INFO

CATALOG NO. SKU CODE INPUT/OUTPUT (VAC) NO./AMPS. NO. OF CHANNELS OUTPUT 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

EWZ101-MB 82260 120/277 1 SPST

EWZ103-MB 82269 120/277 1 DPST

EWZ120-MB 82275 120/277 1 SPDT

EWZ201-MB 82281 120/277 2 SPST

SPECIFICATIONS

TIMING ACCURACY: Time Frequency.

INPUT VOLTAGE: 120 - 277VAC, 50/60Hz (automatic detection).

TERMINAL RANGE: #8 - #16AWG.

OPERATING TEMPERATURE: -40° to +65°C (-40° to +149°F).

POWER CONSUMPTION: 6VA Max.

ENCLOSURE: Plastic Indoor/Outdoor NEMA 3R is standard with lockable keypad (see page 135 for enclosure dimensions). Suffix -MB without enclosure and includes mounting bracket.

WIRING DIAGRAMS

EWZ101

EWZ103

EWZ201

CONTACT RATIONS

TYPE EWZ101 EWZ103 EWZ201 EWZ120

VOLTAGE VOLTAGE RATING VOLTAGE RATING AMPS.

General Purpose 120-277VAC 40A 120-277VAC 30A 30A

Industrial 120-277VAC 40A 120-277VAC 30A 30A

Ballast 120VAC 20A 120VAC 20A 20A

Traction 120VAC 15A 120VAC 15A 5A

Pilot Duty 120-277VAC 720VA 120-277VAC 720VA 720VA

Motor 208VAC 11/2HP 208VAC 11/2HP 11/2HP

Resistive 208/240VAC 2HP 208/240VAC 2HP 2HP

VOLTAGE RATING

TYPE

EWZ SERIES – 1. Furnish and install TORK digital time switch with (40 AMP contacts, models EWZ101, EWZ201) (40 Amp DPST contacts, model EWZ103) (30 AMP contacts, model EWZ120) 2. Unit shall be capable of 20 set points. 3. Unit shall be capable of a different schedule for each day of the week. 4. Unit shall have an astronomic option adjustable from 1° - 60° northern or southern latitudes. 5. Unit shall have an astronomic option with offset up to 4 hours and 59 minutes, before or after sunrise. 6. (Model EWZ201 ONLY) Unit shall be capable of being a 2 channel maintained or a 1 channel momentary. 7. Unit shall have automatic Daylight Savings Time and Leap Year compensation. 8. Unit shall program in AM/PM format. 9. Display shall be of LCD type. 10. Unit shall have permanent schedule retention. 11. Unit real time clock shall be retained by capacitor for 100 hours in a power failure. 12. Unit shall be capable of manual override ON or OFF either in the next scheduled event or permanently. 13. Unit shall have NEMA Type 3 indoor/outdoor enclosure as standard. 14. Unit shall have Load Status indication. 15. Unit shall have Power Failure indication. 16. To order specify TORK Model EWZ101 (EWZ103), EWZ120 (EWZ201).