DIGITAL
24 Hour or 7 Day Time Switch
Multipurpose Control
EW Series

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

FEATURES
• Scheduling: 20 ON & OFF set points for individual programs for each day of the week. Minimum setting is 1 minute.
• Daylight Saving: Automatic adjustment (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.
• Momentary Option: For mechanically held contractors: Model EW201B only. Configure with simple jumper change for single-channel momentary operation.
• Standards: Listed UL917
• Enhanced Switching: Imush current limiting technology protects relay contacts for extended life with zero cross type switching.

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.
  - Suffix -C plastic clear cover Indoor/Outdoor NEMA 3R.
  - Suffix -Y metal Indoor enclosure NEMA 1.
  - All 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
--- | --- | --- | --- | ---
EW101B | 82431 | 120-277 | 1 | SPST
EW103B | 82441 | 120-277 | 1 | DPST
EW120B | 82436 | 120-277 | 1 | SPDT
EW120B-Y | 82249 | 120-277 | 1 | SPST
EW103B-C | 82253 | 120-277 | 1 | DPST
EW103B-Y | 82255 | 120-277 | 1 | SPST
EW201B | 82467 | 120-277 | 2 | SPST
EW101B-Y | 82261 | 120-277 | 1 | SPDT
EW120B-Y | 82261 | 120-277 | 1 | SPDT
EW201B-Y | 82299 | 120-277 | 2 | SPST

TYPE | EW101B, EW103B, EW201B | VOLTAGE (VAC) | RATING | EW120B | VOLTAGE (VAC) | RATING | NO. | RATING |
--- | --- | --- | --- | --- | --- | --- | --- | ---
General Purpose | 120-277 | 40A | 120-277 | 30A | 30A
Inductive | 120-277 | 40A | 120-277 | 30A | 30A
Ballast | 120 | 30A | 120 | 30A | 10A
Pilot Duty | 208-277 | 20A | 208-277 | 20A | 10A
Tungsten | 120 | 15A | 120 | 15A | 2A
Motor | 120 | 1HP | 120 | 1HP | 1HP
Resistive | 240-277 | 2HP | 240-277 | 2HP | 2HP
Electronic Ballast (LED) | 28VDC | 30A | 28VDC | 30A | 30A