EW SERIES
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.
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 MOUNTINGS
Consult factory for other enclosure or mounting options.

MULTIPURPOSE CONTROLS
1 OR 2 CHANNEL

WIRING DIAGRAMS

EW101B
EW103B
EW120B
EW201B

CLOCK FORMAT
AM/PM

PULSE ON PULSE OFF
momentary configuration

EW201B ONLY: UNIT MUST BE CONFIGURED FOR MOMENTARY OPTION

INPUT VOLTAGE
120/277VAC

OUTPUT
SPST
SPDT
DPST

NO. OF CHANNELS
1
1
1
2

DRY CONTACTS
SPST
DPST

SUPPLIES
L N

LOAD

PRACTICAL APPLICATIONS
• System heating & air conditioning
• Lighting security
• Outdoor signs display

CATALOG 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 | SPST
EW120B | 82436 | 120 - 277 | 1 | SPDT
EW201B | 82467 | 120 - 277 | 2 | SPST

TYPE | EW101B, EW103B, EW201B | EW120B | VOLTAGE | RATING | VOLTAGE | RATING
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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

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