

SPECIFICATION SHEET

EW SERIES 
MULTIPURPOSE CONTROL
1 OR 2 CHANNELS
7 DAY TIME SWITCH

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 (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.

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.

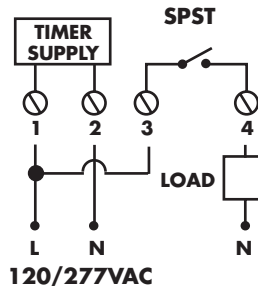
ENCLOSURE:

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 page 557 for enclosure dimensions).

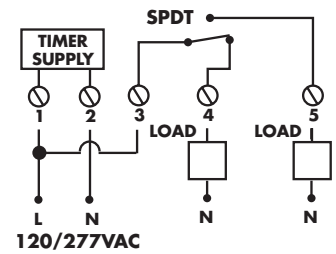


WIRING DIAGRAMS

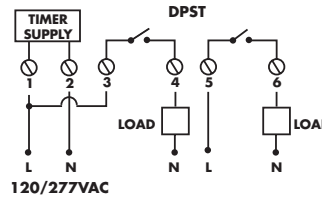
EW101B



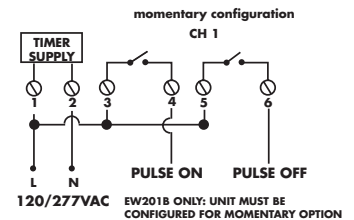
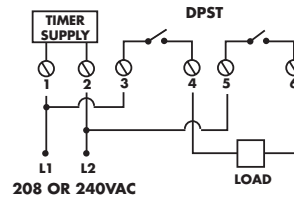
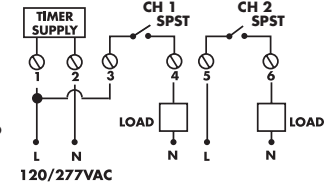
EW120B



EW103B



EW201B



ORDERING INFO

| 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 |
| EW201B | 82467 | 120-277 | 2 | SPST |
| EW101B-Y | 82249 | 120-277 | 1 | SPST |
| EW103B-C | 82253 | 120-277 | 1 | DPST |
| EW103B-Y | 82255 | 120-277 | 1 | DPST |
| EW120B-C | 82437 | 120-277 | 1 | SPDT |
| EW120B-Y | 82261 | 120-277 | 1 | SPDT |
| EW201B-Y | 82299 | 120-277 | 2 | SPST |

CONTACT RATINGS

| TYPE | EW101B, EW103B, EW201B | | EW120B | | |
|-----------------|------------------------|-----------|---------------|-----------|---------|
| | VOLTAGE (VAC) | RATING NO | VOLTAGE (VAC) | RATING NO | NC |
| General Purpose | 120-277 | 40A | 120-277 | 30A | 30A |
| Inductive | 120-277 | 40A | 120-277 | 30A | 30A |
| Ballast | 120 | 30A | 120 | 30A | 10A |
| | 208-277 | 20A | 208-277 | 20A | 10A |
| Tungsten | 120 | 15A | 120 | 15A | 2A |
| Pilot Duty | 120-277 | 720VA | 120-277 | 720VA | 720VA |
| | 120 | 1HP | 120 | 1HP | 1HP |
| | 208 | 1 1/2HP | 208 | 1 1/2HP | 1 1/2HP |
| Motor | 240-277 | 2HP | 240-277 | 2HP | 2HP |
| | 28VDC | 30A | 28VDC | 30A | 30A |