DLC400BP
4 ZONE LIGHTING CONTROL
TIME SWITCH

APPLICATIONS

INTERIOR LIGHTING
- Open office zoning
- Hallways
- Meeting and sales areas
- Stock rooms and warehouses

EXTERIOR LIGHTING
- Signage and store windows
- Security
- Parking lots

FEATURES

CONFIGURABLE ZONES: Simple three position slide switch sets logic for each zone: Time ON/Time OFF, Photo ON/Photo OFF, or Photo ON/Time OFF.

SCHEDULING: 99 ON & OFF set points allow individual programs for each day of the week. Minimum 1 minute apart.

ASTRONOMIC: 1. Adjustable 10° - 60° Northern or Southern latitudes. 2. Can be individually offset +/-1-240 minutes from both sunset and sunrise times.

PHOTOSensor INPUT: EPC2 photo sensor included.

LIGHT LEVEL ACTIVATION: Turn ON and OFF level is user settable from 1 to 100 footcandle. Each channel has an independent setting.

REMOTE OVERRIDE: Maintained dry contact closure or use TORK Model SSA200R-24 for timed override with flash warning before OFF. May use with occupancy sensor as override.

MANUAL OVERRIDE: Until the next regularly scheduled ON or OFF, automatic operation then resumes.

SEASONS: 1 to 4 with different daily schedules which can wrap around into the new year.

HOLIDAYS: 1 to 24 individual dates.

DAYLIGHT SAVING: Automatic adjustment (can be omitted).

LEAP YEAR: Automatic Compensation.

POWER OUTAGE BACKUP: Permanent schedule retention with memory module. Battery provides real time backup for 6 months cumulative.

MEMORY MODULE: Removable MM can be programmed at any one location and inserted into another DZS series unit.

OPTION: Memory Module Programmer with software for computer connection programming. Also allows stand alone battery operation for portable copy feature.

ORDERING INFO

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>UPC CODE</th>
<th>INPUT SUPPLY (VAC)</th>
<th>NO. OF CHANNELS</th>
<th>OUTPUT CONTACTS</th>
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<tbody>
<tr>
<td>DLC400BP</td>
<td>82191</td>
<td>120/208-240/277</td>
<td>4</td>
<td>SPDT</td>
</tr>
<tr>
<td>USB-MMP</td>
<td>82196</td>
<td>Memory Module Programmer</td>
<td>Includes Software</td>
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<tr>
<td>SSA200R-24</td>
<td>14015</td>
<td>24VAC/24VDC</td>
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<td>SPDT</td>
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</table>

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EXTERIOR LIGHTING
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- Security
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CALIFORNIA Title 24
ASHRAE 90.1

Model EPC2 supplied with unit.

With optional Timed Override

Battery provides real time backup for 6 months cumulative.

MEMORY MODULE: Removable MM can be programmed at any one location and inserted into another DZS series unit.

OPTION: Memory Module Programmer with software for computer connection programming. Also allows stand alone battery operation for portable copy feature.
**SPECIFICATIONS**

**TIMING ACCURACY:** Line frequency.

**INPUT VOLTAGE:**
120/208 - 240/277VAC, 50/60Hz.

**TERMINAL RANGE:** #10 - #14AWG.

**OPERATING TEMPERATURE:**
-40°F to +158°F (-40°C to +55°C).

**POWER CONSUMPTION:** 30VA Maximum.

**ENCLOSURE:** Metal Indoor/Outdoor NEMA 3 with lockable hasp (see page 153 for dimensions).

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**CONTACT RATINGS**

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<tr>
<th>TYPE</th>
<th>VOLTAGE</th>
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<tr>
<td>General Purpose</td>
<td>24-277VAC, 30VDC</td>
<td>30A</td>
<td>30A</td>
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<td>Ballast</td>
<td>120-277VAC</td>
<td>20A</td>
<td>10A</td>
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<tr>
<td>Tungsten</td>
<td>120VAC</td>
<td>10A</td>
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<tr>
<td>Pilot Duty</td>
<td>120-277VAC</td>
<td>720VA</td>
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**WIRING DIAGRAMS**

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**SPECIFICATION WRITER’S GUIDE**

DLC400BP – 1. Furnish and install, where noted, a 4 zone lighting controller with photosensor input (TORK model EPC2 photosensor to be supplied with controller). 2. Memory Module shall be capable of being programmed at any one location and inserted into DLC400BP (with memory module socket) in any other remote location. 3. Optional programmer shall be available (Model MMP), capable of accomplishing Windows based settings on a PC for easy duplication of Memory Modules or individual programs for multiple locations. 4. Each zone shall be capable of independent, user settable turn ON and turn OFF light level set points ranging from 1 to 100 footcandles. 5. Three position slide switches shall be provided for each of the 4 zones allowing for user settings based on a) time of day or b) combination time of day and light level or c) light level. 6. Controller shall provide 30 Amp General Purpose isolated contacts (unpowered) for each zone as well as a 500 ma, 24VDC output. 7. Controller shall have 1 digital input per channel for: a) remote contact closure which can be used to turn corresponding outputs ON/OFF outside of the normal control time or b) remote timed override which can be accomplished for the corresponding outputs with the use of TORK model SSA200R-24. 8. Enclosure shall provide separate wiring compartments for power connections and auxiliary connections. 9. Controller shall be capable of local override ON or OFF to the next scheduled event using the keypad for each zone. 10. Each zone shall be capable of astronomic function, adjustable from 10 – 60 degrees Northern or Southern latitude. Each zone can additionally be offset +/- 1–299 minutes for both sunset and sunrise. 11. Controller shall provide automatic daylight saving time (which can be omitted). Leap year adjustment shall be compensated for automatically. 12. Controller shall have 365 day holiday capability with 24 single dates and 4 seasons of unlimited duration. 13. Controller shall be capable of 99 set points with separate scheduling for each day of the week. 14. Controller shall have back-up capability: a) Schedule shall be retained for 40 years without power, b) real time shall be retained for 6 months using a field replaceable 9V lithium battery. 15. Unit shall have a NEMA type 3, metal indoor/outdoor enclosure.