

DGU & DGLC SERIES

LIGHTING CONTROL WITH PHOTO OR OVERRIDE INPUT, 7 DAY 7 DAY LIGHTING CONTROL TIME SWITCH

NEW!



CALIFORNIA Title 24

ASHRAE 90.1

CODE SOLUTION FOR SMALL PROJECTS

APPLICATIONS



INTERIOR LIGHTING

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

EXTERIOR LIGHTING

- Signage and store windows
- Security
- Parking lots



Model EPC-A supplied with DGLC-A unit.



With optional Timed Override

ORDERING INFO

CATALOG NO.	UPC CODE	INPUT SUPPLY (VAC) 50/60 Hz	NO. OF CHANNELS	OUTPUT CONTACTS
DGU100A-Y	82211	120-277VAC	1	DPDT
DGUM100A	82212	120-277VAC	1	SPDT Momentary
DGUM100A-Y	82224	120-277VAC	1	SPDT Momentary
DGLC100A-NC	82223	120-277VAC	1	DPDT
DGLC200A-NC	82213	120-277VAC	2	SPDT
EPC-A	82112	Accessory Photo Sensor		
SSA200R-24	14015	24VAC/24VDC		SPDT
TRP-U	82030	120/277VAC	Transformer Power Pack	SPST

FEATURES

SCHEDULING: 56 ON & OFF set points provide individual programs for each day of the week. Minimum setting is 1 minute.

PHOTOSENSOR INPUT: Unique push button set-up assures accurate operation with automatic calibration that adjusts for wire size and distance. EPC-A photo sensor is included with the DGLC-A and may be ordered as an option for use with model DGU100A & DGUM100A.

LIGHT LEVEL ACTIVATION: Turn ON is user settable from 1 to 100 footcandle; Turn OFF is a maximum of 2 times turn ON level. Each channel has an independent setting. Includes a user settable delay before ON or OFF between 1 – 90 seconds.

REMOTE OVERRIDE ON: Each channel has independent input for a maintained dry-contact closure. May use TORK model SSA200R-24 and TRP-U for timed override. May use with occupancy sensor as override.

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

MOMENTARY CONTACT - DGUM100A: 2 second contact closure ON & OFF to control mechanically held contactors or latching relays.

BLOCK HOLIDAY: 9 holiday blocks can be set for individual days or for duration of any number of days.

DAYLIGHT SAVING: Automatic adjustment (can be omitted).

LEAP YEAR: Automatic Compensation.

CLOCK FORMAT: AM/PM or 24 Hour format.

POWER OUTAGE BACKUP: Permanent schedule retention. Supercapacitor provides 7 days of real time backup.



SPECIFICATIONS

TIMING ACCURACY: Line frequency.

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

TERMINAL RANGE:

#12 - #18AWG for line/load.

#18 - #26AWG sensor/switch input.

OPERATING TEMPERATURE:

-31°F to +131°F (-35°C to + 55°C).

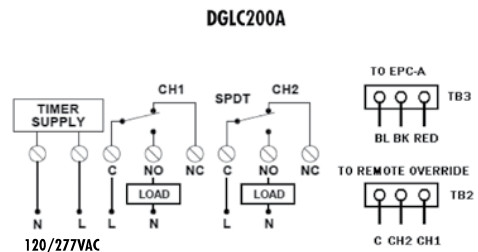
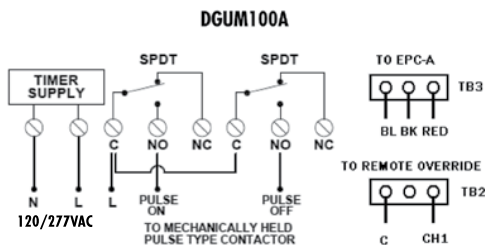
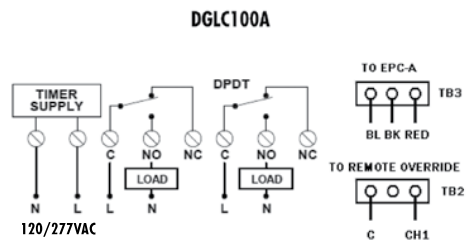
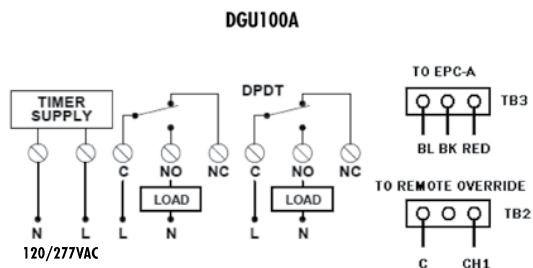
POWER CONSUMPTION: 6VA Maximum.

ENCLOSURE: Noryl® Indoor/Outdoor NEMA 3R . Suffix -NC Noryl® Indoor/Outdoor NEMA 3R with clear Lexan® cover. Suffix -Y metal Indoor enclosure NEMA 1. All with lockable hasp (see page 153 for dimensions).

CONTACT RATINGS

TYPE	VOLTAGE	RATING	
		NO	NC
Resistive	24-277VAC	20A	10A
Ballast	120VAC 277VAC	20A	10A
Tungsten	120VAC	15A	
Pilot Duty	120VAC 240VAC	720VA	290VA 360VA
Motor	120VAC 240VAC	1HP 2HP	1/4HP 1/2HP
Resistive	28VDC	20A	10A

WIRING DIAGRAMS



SPECIFICATION WRITER'S GUIDE

DGU and DGLC SERIES - 1. Furnish and install, where noted, a 1 (2) channel 7 day programmable digital time switch. 2. Controller shall program in AM/PM (12 hour) or Military (24 hour) formats. 3. Unit shall be capable of switching 20 amps ballast load at 277VAC. 4. Controller shall be capable of 56 set points; separate scheduling for each day of the week with one minute resolution. 5. Controller shall have photo sensor input user adjustable per circuit between 1 and 100 footcandle turn ON level. 6. Each channel shall have and switched input to override circuit ON. 7. Controller shall have 365 day holiday capabilities with 9 block holidays for individual or duration of any number of days. 8. Controller shall be able to select USA Standard Daylight Saving, Standard time, or programmable dates. 9. Controller shall have automatic Leap Year correction. 10. Controller shall have Permanent Schedule Retention. 11. Controller shall have 7 days backup for real time with built in super capacitor; no batteries to maintain. 12. Controller shall be capable of Manual Override ON and OFF to the next scheduled event using 1 button for each channel. 13. Unit shall have NEMA type 3R indoor/outdoor enclosure standard. 14. To order specify TORK Model DGU100A. (Alt 14. To order 1 channel momentary contact closure for latching contactor control specify DGUM100A). (Alt 14. To order controller with EPC-A photo sensor included in package specify TORK Model DGLC100A-NC (DGLC200A) with clear cover.