

# DGU & DGLC SERIES

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



NEW!



SMALL  
BUSINESS  
ENERGY CODE  
PANEL

## APPLICATIONS



CALIFORNIA Title 24

ASHRAE 90.1

### 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

CAT. NO.	UPC CODE	INPUT SUPPLY (VAC) 50/60 Hz	NO. OF CHANNELS	OUTPUT CONTACTS
DGU100A-Y	82211	120-277	1	DPDT
DGUM100A	82212	120-277	1	SPDT Momentary
DGUM100A-Y	82224	120-277	1	SPDT Momentary
DGLC100A-NC	82223	120-277	1	DPDT
DGLC200A-NC	82213	120-277	2	SPDT
EPC-A	82112	Accessory Photo Sensor	-	-
SS410	14033	24VAC/24VDC	-	SPDT
TRP-24B	98225	120/277	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.

**SunSet ASTRONOMIC:** Adjusts daily to changes in sunset times. Adjustable 10° - 60° Northern or Southern latitudes. Can be individually offset +/- 1-240 minutes from both sunset and sunrise times.

**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 and OFF between 1 – 90 seconds.

**REMOTE OVERRIDE ON:** Each channel has independent input for a maintained dry-contact closure. May use TORK model SS410 and TRP-24B for timed override. May use with occupancy sensor with dry contacts 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.

**STANDARDS:** Listed UL916.

## 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.

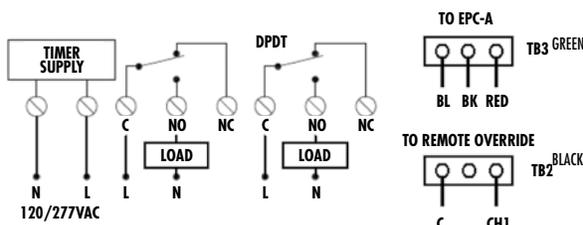
Suffix -NC Noryl® Indoor/Outdoor NEMA 3R with clear Lexan® cover.

Suffix -Y metal Indoor enclosure NEMA 1.

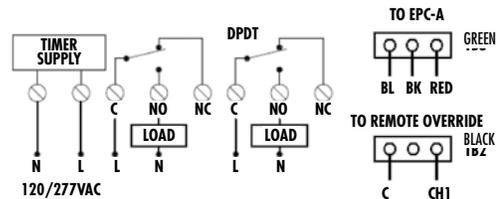
All with lockable hasp (see pages 589-593 for enclosure dimensions).

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

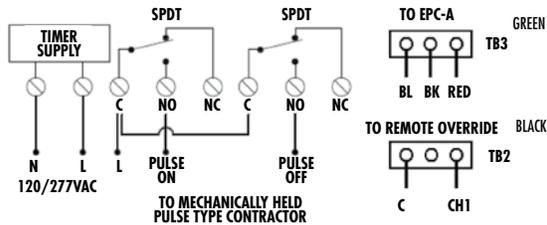
**DGU100A**



**DGLC100A**



**DGUM100A**



**DGLC200A**

