

DGS SERIES

SIGNALING AND DUTY CYCLE

24 HOUR OR 7 DAY

TIME SWITCH

**31 DAY
CYCLE TIME:
AN INDUSTRY
FIRST!**

APPLICATIONS



- Signaling
- Duty cycle

FEATURES

DG180A & DG280A: 56 ON & OFF set points provide daily repeated programs. Minimum setting is 1 minute.

DGS100A: 56 ON & OFF set points provide individual programs for each day of the week. Minimum setting is 1 minute.

DUTY CYCLE & SIGNALING: Two different ON/OFF patterns or signal durations may be programmed. The durations can be up to 23 hours, 59 minutes and 59 seconds in length.

SKIP FUNCTION (24 HOUR UNITS ONLY): Each channel can be set for ACTIVE/SKIP operations that alternate from 1 - 31 days. This becomes an effective way to cycle loads on varying days within the month. Using the two-circuit DG280A, two loads can be set to operate on alternate days in a simple manner.

DAYLIGHT SAVING: Automatic adjustment (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 or 24 hour.

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

STANDARDS: Listed UL916

CAT. NO.	UPC CODE	INPUT SUPPLY (VAC) 50/60 Hz	NO. OF CHANNELS	OUTPUT CONTACTS
24 HOUR MODELS				
DG180A	82206	120-277	1	DPDT
DG280A	82207	120-277	2	SPDT
DG280A-24	82220	24VAC	2	SPDT
7 DAY MODELS				
DGS100A	82205	120-277	1	DPDT
DGS100A-12	82218	12VDC	1	DPDT
DGS100A-24	82219	24VAC	1	DPDT

SPECIFICATIONS

TIMING ACCURACY: Line frequency.

INPUT VOLTAGE:

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

TERMINAL RANGE: #12 - #18AWG.

OPERATING TEMPERATURE:

-31 °F to +131 °F (-35 °C to + 55 °C).

POWER CONSUMPTION: 6VA Maximum.

ENCLOSURE: Noryl® Indoor/Outdoor NEMA 3R 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	15 A	-
Pilot Duty	120 240	720VA	290VA 360VA
Motor	120 240	1HP 2HP	1/4HP 1/2HP
Resistive	28VDC	20A	10A

