

DG100 SERIES

MULTIPURPOSE CONTROLS

1 OR 2 CHANNEL

365/7 DAY

TIME SWITCH

**HOLIDAY
PROGRAMMING
FOR MORE
SAVINGS!**

APPLICATIONS



CALIFORNIA Title 24

ASHRAE 90.1



- Indoor/Outdoor lighting
- HVAC equipment
- School warning and other
- Traffic lights
- Water heaters in offices, churches and factories

FEATURES

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

MOMENTARY CONTACT: DGM100A has 2 second contact closures for ON & OFF control of 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.

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

CLOCK FORMAT: AM/PM or 24 Hour format.

POWER OUTAGE BACKUP: Permanent schedule retention is provided. Supercapacitor provides 7 days of real time back up.

STANDARDS: Listed UL916.

CAT. NO.	UPC CODE	INPUT SUPPLY (VAC) 50/60Hz	NO. OF CHANNELS	OUTPUT CONTACTS
DG100A	82201	120-277	1	DPDT
DG200A	82209	120-277	2	SPDT
DGM100A	82210	120-277	1	SPDT Momentary
DG100A-Y	82221	120-277	1	DPDT
DGM100A-Y	82222	120-277	1	SPDT Momentary

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

SPECIFICATIONS

TIMING ACCURACY: Line Frequency.

INPUT VOLTAGE:

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

TERMINAL RANGE: #12 - #18AWG.

OPERATING TEMPERATURE:

-31 °F to +131 °F (-35 °C to +55 °C).

POWER CONSUMPTION: 6VA Max.

ENCLOSURE: Noryl® Indoor/Outdoor NEMA 3R.

Suffix -Y metal indoor enclosure NEMA 1.

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

