

DG SERIES MULTIPURPOSE CONTROLS 1 CHANNEL

APPLICATIONS

DG180 ONE CHANNEL, 24 HOUR

Ideal for single circuit HVAC unit.

Use to control:

- Compressors
- Pumps
- Billboard Signs
- Ventilating Fans
- Security Systems
- SAME SCHEDULE EVERYDAY; CAN OMIT OPERATION ON SELECTED DAYS

APPLICATIONS

DGM100 MOMENTARY CONTACTS ONE CHANNEL, 7 DAY

2 SPDT MOMENTARY CONTACT (2 SECOND)

OUTPUTS: 1 FOR ON, 1 FOR OFF.

Ideal for use with:

- Low voltage latching relays
- Mechanically held contactors
- Magnetically held contactors

FEATURES

DISPLAY: LCD

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 (can be set to 24 hour if required)

POWER OUTAGE BACKUP: Battery back-up retains schedules: standard 9V conveniently accessible from the front. Lithium averages 450 hours. Alkaline averages 175 hours (Battery not supplied).

DG100/120 ONE CHANNEL, 7 DAY

Indoor/Outdoor lighting and HVAC equipment:

- School warning and other traffic lights
- Water Heaters in offices, churches and factories
- CAPABLE OF DIFFERENT SCHEDULES EACH DAY OF THE WEEK; HOLIDAY SCHEDULE CAN BE EXECUTED AT ANY TIME FOR ANY NUMBER OF DAYS.

- Building sweep OFF of low voltage systems
- Direct wire to motor starters, eliminating the need for any other momentary interface device.
- CAPABLE OF DIFFERENT SCHEDULES EACH DAY OF THE WEEK; HOLIDAY SCHEDULE CAN BE EXECUTED AT ANY TIME FOR ANY NUMBER OF DAYS.

DG180/100/120 DGM100



MEETS CALIFORNIA
ENERGY COMMISSION'S
TITLE 24 REQUIREMENTS

and
ASHRAE
90.1 1999

SPECIFICATIONS

TIMING ACCURACY: Line Frequency

OPERATING TEMPERATURE:

-4 to +122°F (-20° to +50°C.)

STORAGE TEMPERATURE:

-22° to +167°F (-30° to +75°C.)

RELATIVE HUMIDITY: 0 to 90% RH (non-condensing)

POWER CONSUMPTION: 4VA max.

ENCLOSURE: Noryl® Indoor/Outdoor NEMA 3R is standard.

OTHER MOUNTINGS:

Metal Indoor: add suffix Y

Metal Indoor/Outdoor – NEMA 3R: add suffix O

Flush with lock and key: add suffix FLG

Bracket mounting – specify mechanism only with bracket

DG 100, DG180

CONTACT RATINGS

LOAD TYPE	UL				CSA		
		NO	NC			NO	NC
Resistive or Inductive	120/240VAC†	20A	10A	General Purpose	125VAC	15A	15A
	277VAC††	6A	3A		240VAC	10A	10A
					277VAC	6A	3A
Resistive	28VDC†	20A	10A	Resistive	28VDC†	20A	10A
Pilot Duty	120/240VAC††	470VA	275VA	Pilot Duty	120/240VAC	470VA	275VA
	277VAC	690VA			277VAC	690VA	
Motor Load	120VAC	1HP	½HP	Motor Load	120VAC	½HP	¼HP
	240VAC	2HP	½HP		240VAC	1HP	½HP
Ballast	277VAC††	6A	3A				

† Model DG120 is 15A

†† Does not apply to Model DG120

DG 120, DGM100

CONTACT RATINGS

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		NO	NC			NO	NC
Resistive or Inductive	120/240VAC	15A	10A	General Purpose	125VAC	10A	10A
Resistive	28VDC	15A	10A	Resistive	28VDC	10A	10A
Pilot Duty	120/240VAC	470VA	275VA	Pilot Duty	120/240VAC	470VA	275VA
	277VAC	690VA			277VAC	690VA	
Motor Load	120VAC	1HP	½HP	Motor Load	120VAC	½HP	¼HP
	240VAC	2HP	½HP		240VAC	1HP	½HP