

MOMENTARY CONTACTS, 2 CHANNEL

365 Day Advance Single Holiday and Seasonal Scheduling

Astronomic Option

APPLICATIONS

Ideal for use with:

- Low voltage latching relays
- Mechanically held contactors
- Magnetically held contactors
- Direct wire to motor starters thus eliminating the need for any other momentary interface device

Capable of different schedules each day of the week.

ON and OFF SET POINTS

Total # Per Week

99

Minimum Setting

1 minute

Each channel provides 2 independent momentary outputs – 1 for ON and 1 for OFF

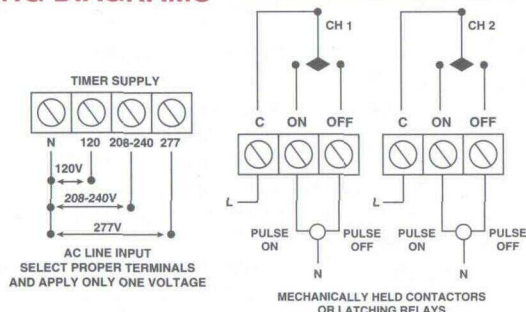
FEATURES

Astronomic	1. Adjustable 10°-60° Northern or Southern latitudes 2. Each channel can be individually offset $\pm$ 1-99 minutes from both sunset and sunrise times.
Holidays	1 to 24 individual dates
Seasons	1 to 4 with different daily schedules which can wrap around into the new year
Daylight Saving	Automatic adjustment (can be omitted)
Leap Year	Automatic compensation
Display	LCD
Manual Override	Until the next regularly scheduled ON or OFF. Automatic operation then resumes.
Clock Format	AM/PM
Power Outage Backup	Permanent schedule retention for up to 40 years Snap-in lithium battery maintains real time

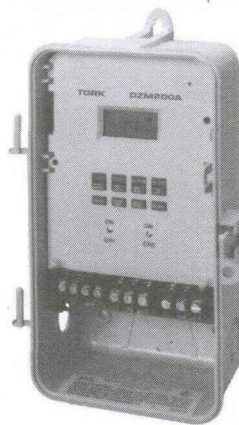
ORDERING INFORMATION

Model	Clock Input 50/60 Hz	Dry Contacts (unpowered)
DZM200A	120 / (208-240) / 277VAC	SPDT

WIRING DIAGRAMS



For 208-240V, connect one of the line wires to terminal N. Do NOT bring any neutral wire to this terminal.



NEW

DZM200A



Meets California
Energy Commission
Title 24 requirements.

**PERMANENT SCHEDULE RETENTION
WITHOUT POWER FOR UP TO 40 YEARS**

SPECIFICATIONS

Power Consumption: 4 VA Max.

Contact Rating:

Type	Voltage	Rating
General Purpose	120 - 277 VAC	10A
Resistive	30 VDC	10A
Pilot Duty	120 - 277 VAC	360 VA

Operating Temperature: -22° to 140°F (-30° to 60°C)

Enclosure:

See end of controls section for dimensions.

Noryl® indoor/outdoor (NEMA 3R) is standard.

For metal indoor (add suffix Y to catalog #).

Other Mountings:

Metal indoor/outdoor (suffix O) - Model 9000A.

Flush with lock and key (suffix FLG) - Model 9011.

Bracket for panel mounting - consult factory.

SPECIFICATION WRITER'S GUIDE

1. Furnish and install where noted a 2 channel digital time switch.
2. Controller shall program in AM/PM format.
3. Controller shall program in one minute resolution.
4. Display shall be of LCD type.
5. Controller shall be capable of 99 set points; separate scheduling for each day of the week.
6. Controller shall have 365 day holiday capabilities with 24 single dates and 4 seasons of unlimited duration.
7. Different daily schedules shall be programmable within each season.
8. Controller shall have Daylight Saving or Standard time.
9. Controller shall have automatic Leap Year correction.
10. Schedules shall be retained for 40 years without power.
11. Controller shall have 30 day backup for real time using field replaceable 9V lithium battery.
12. Controller shall be capable of manual override ON or OFF to the next scheduled event using 1 button for each channel.
13. Unit shall have NEMA Type 3 indoor/outdoor enclosure as standard.
14. Controller shall be capable of 2 independent momentary outputs - ON and OFF for each channel.
15. To order specify TORK Model DZM200A.