

<http://waterheatertimer.org/Paragon-timers-and-manuals.html>

Replacement timers: <http://waterheatertimer.org/How-to-wire-GM40-timer.html#TU>

TRADITIONAL TIME PIECES

A rugged working environment dictates a 24-hour time switch to match. Paragon's non-metallic P100 Series withstands the elements while reliably running up to 48 ON/OFF events per day. Fast, easy installation makes them the contractor's control of choice.

FEATURES & BENEFITS:

- ▶ Clutched clock dial allows immediate testing of the load's ON/OFF status.
- ▶ 30 minute resolution (up to 48 pins) for ON/OFF time events allows 48 ON/OFF events per day.
- ▶ Operation time adjustable from 30 minutes to 23-1/2 hours.
- ▶ Skip-A-Day feature allows maximum programming flexibility.
- ▶ Robust, sealed synchronous motor is durable and reliable.
- ▶ Hasp for padlock or seal heightens security.
- ▶ Available in NEMA 1 metallic or NEMA 3R non-metallic enclosures to meet all environmental needs.
- ▶ UL and CSA listed means quality and durability are built into every time control.



WHY ▶ *Specify Paragon*

Since 1903, Paragon has been the leader in time and process control technology. As inventor of the 24-hour time switch, Paragon's heritage of patents, unparalleled quality and solutions-driven innovations have made us one of the most recognized names in time control products.

P100 SERIES



PHYSICAL

In NEMA 1 Enclosure

Weight Approximately 2 lbs. (907 grams)
 Dimensions Width 4-1/8" (10.5 cm), Height 8-1/2" (21.6 cm)
 Depth 2-1/4" (5.7 cm)

In NEMA 3R Enclosure

Weight Approximately 1-1/2 lbs (680 grams)
 Dimensions Width 6-9/16" (16.7 cm), Height 8-1/2" (21.6 cm)
 Depth 3-3/4" (9.5 cm)

ENVIRONMENTAL

Models P101, P101-S, P103, P103-S, P-104, and P104-S are housed in a NEMA 1 indoor metal enclosure. These models are applicable for conventional indoor applications. Models P101P, P101PC, P101P-S, P103P, P103PC, P103-S, P104P, P104PC, and P104P-S are housed in a NEMA 3R enclosure and are designed to withstand indoor and outdoor environmental conditions.

ACCESSORIES

Adapter Bracket

Part number D874-99 allows P100 (or 4000) Series controls to be mounted directly into an Intermatic enclosure.

Additional Trippers

Part Number	Description
X9242	One set of ON/OFF trippers
X9250	One cutout tripper
X9246	Five Skip-A-Day trippers

HOW TO SPECIFY

P101, P103, P104

Installer shall furnish and install Paragon (Model No.) molded, non-metallic 24-hour time control with (SPST, DPST) switch. Contacts to be rated at 40 amperes tungsten per pole up to 277 volts. Control shall have NEMA 1 indoor, metal enclosure.

P101-S, P103-S, P104-S

Installer shall furnish and install Paragon (Model No.) molded, non-metallic 24-hour time control with (SPST, DPST) switch. Contacts to be rated at 40 amperes tungsten per pole up to 277 volts. Control shall have Skip-A-Day feature to omit specific day(s) from schedule. Control shall have NEMA 1 indoor, metal enclosure.

P101P, P101PC, P103P, P103PC, P104P, P104PC

Installer shall furnish and install Paragon (Model No.) molded, non-metallic 24-hour time control with (SPST, DPST) switch. Contacts to be rated at 40 amperes tungsten per pole up to 277 volts. Control shall have NEMA 3R indoor/outdoor, non-metallic enclosure (and models with PC suffix shall have a Clear-View cover).

P101P-S, P103P-S, P104P-S

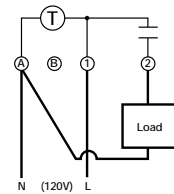
Installer shall furnish and install Paragon (Model No.) molded, non-metallic 24-hour time control with (SPST, DPST) switch. Contacts to be rated at 40 amperes tungsten per pole up to 277 volts. Control shall have Skip-A-Day feature to omit specific day(s) from schedule. Control shall have NEMA 3R indoor/outdoor, non-metallic enclosure.

ELECTRICAL SPECIFICATIONS

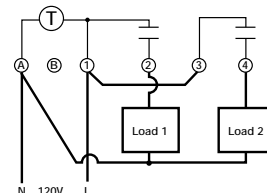
Model	Switch Type	Switch Rating Per Pole				Wiring Diagram	AC Line		Enclosure Type NEMA
		Amp	Amp T	VA	Hp		Volts	Hz	
P101	SPST	40	40	1000	2	1	120	60	1
P101P	SPST	40	40	1000	2	1	120	60	3R
P101PC	SPST	40	40	1000	2	1	120	60	3R
P103	DPST	40	40	1000	2	2	120	60	1
P103P	DPST	40	40	1000	2	2	120	60	3R
P103PC	DPST	40	40	1000	2	2	120	60	3R
P104	DPST	40	40	1000	5*	3	208-277	60	1
P104P	DPST	40	40	1000	5*	3	208-277	60	3R
P104PC	DPST	40	40	1000	5*	3	208-277	60	3R
P101-S	SPST	40	40	1000	2	1	120	60	1
P101P-S	SPST	40	40	1000	2	1	120	60	3R
P103-S	DPST	40	40	1000	2	2	120	60	1
P103P-S	DPST	40	40	1000	2	2	120	60	3R
P104-S	DPST	40	40	1000	5*	3	208-277	60	1
P104P-S	DPST	40	40	1000	5*	3	208-277	60	3R

*5 hp rating for UL only. CSA rating at 3 hp. Wiring-Terminals can accommodate 10-16 AWG wire.

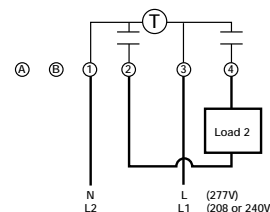
TYPICAL WIRING DIAGRAMS



#1 - SPST



#2 - DPST



#3 - DPST

Maple Chase Company
 2820 Thatcher Road
 Downers Grove, Illinois 60515-4040
 United States of America
 Telephone +1 800 951 5526
 Facsimile +1 630 963 0650

Canada
 Director of Canada Sales
 5785 Kennedy Road
 Mississauga, Ontario L4Z 2G3
 Telephone 1 905 890 5956
 Facsimile 1 905 890 6098

An Invensys company



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