

1100 SERIES

24 HOUR TIME SWITCHES

**SAME ON/OFF TIMES
EACH DAY**

APPLICATIONS

Automatic ON-OFF control when operation is required at the same time every day, 7 days a week.

- Lighting
- Pumps
- Signs
- Air Conditioning
- Water Heating
- Fans

1101

SPECIFICATIONS

CONTACT RATINGS:

(all models except 1101-7):

- 40 Amp. Tungsten, 120VAC
- 40 Amp. Resistive, 120-277VAC
Single Phase
- 40 Amp. General Purpose
120-277 VAC Single Phase
- 20 Amp. Inductive 120VAC, 277VAC,
Single Phase
- 1000 VA Pilot Duty 120-277 VAC.
- 2 HP (24 FLA) 120 VAC; 5 HP (28 FLA) 240 VAC
- Model 1101-7 is 30 amp inductive, 347 VAC only

TIMING MOTOR: Heavy duty synchronous, self-starting high torque. Power Consumption: 3 watts.

AUTOMATIC OPERATION: Minimum ON setting: 20 minutes.
Minimum OFF setting: 75 minutes. One pair of ON-OFF trippers supplied – accommodates up to 12 pairs.
Dial markings are in English, French and Spanish.

TEMPORARY MANUAL OVERRIDE: Standard.

OPERATING TEMPERATURE RANGE: -40° to +165°F. (-40° to +74°C.)

ENCLOSURE: See page 27 for dimensions. Metal Indoor (NEMA 1). Drawn steel, beige enamel, with combination 1/2" and 3/4" K.O.'s on sides, bottom and back. Lockable hasp. Cover is removable and movement releases from case at finger touch for easy installation. Back has keyhole as well as matching screw holes for quick mounting over single gang box.

OTHER MOUNTINGS: *When ordering special enclosures ONLY, please use model number.

- Noryl® Indoor/Outdoor NEMA 3R: Models with suffix N. Enclosure only: Model 9000N*
- Noryl® Indoor/Outdoor NEMA 3R with clear cover: Models with suffix NC. Enclosure only: Model 9000NC*
- Metal Indoor/Outdoor NEMA 3: Models with suffix O. Enclosure only: Model 9000A*
- Metal Flush, with lock and key: (suffix FL 1). Enclosure only: Model 9001*
- Metal Duplex – 2 standard units in one indoor/outdoor case: (suffix DUOL). Enclosure only: Model 9004L*
- Bracket mounting – specify mechanism only with bracket
- Intermatic® Adapter Plate Model IAP—allows any TORK 1100 model to fit into an Intermatic case without changing enclosure.



1101 NC WITH CLEAR LEXAN® COVER

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

CAT NO	UPC CODE	ENCLOSURE TYPE	SWITCH	AMPS	H.P. RATING	MOTOR: AC VOLTAGE	MOTOR: Hz	MOTOR: PART #
1101	10011	Metal Indoor	SPST	40	2	120	60	101
*1101-7	10033	Metal Indoor	SPST	30	—	347	60	201
1102	10012	Metal Indoor	SPST	40	5	208-277	60	201
1103	10013	Metal Indoor	DPST	40	2	120	60	101
1104	10014	Metal Indoor	DPST	40	5	208-277	60	201
1101-N	10040	Noryl® Indoor/Outdoor (I/O)	SPST	40	2	120	60	101
1101NC	10053	Noryl® I/O with Clear Lexan® Cover	SPST	40	2	120	60	101
1102-N	10045	Noryl® Indoor/Outdoor	SPST	40	5	208-277	60	201
1103-N	10041	Noryl® Indoor/Outdoor	DPST	40	2	120	60	101
1103NC	10054	Noryl® I/O with Clear Lexan® Cover	DPST	40	2	120	60	101
1104-N	10042	Noryl® Indoor/Outdoor	DPST	40	5	208-277	60	201
1104NC	10055	Noryl® I/O with Clear Lexan® Cover	DPST	40	5	208-277	60	201
1101-O	10015	Metal Outdoor	SPST	40	2	120	60	101
1102-O	10046	Metal Outdoor	SPST	40	5	208-277	60	201
1103-O	10016	Metal Outdoor	DPST	40	2	120	60	101
1104-O	10017	Metal Outdoor	DPST	40	5	208-277	60	201
1101-M	10022	Mechanism Only	SPST	40	2	120	60	101
†1101-M-IAP	10052	Mechanism Only	SPST	40	2	120	60	101
1102-M	10035	Mechanism Only	SPST	40	5	208-277	60	201
1103-M	10023	Mechanism Only	DPST	40	2	120	60	101
1104-M	10014	Mechanism Only	DPST	40	5	208-277	60	201

CONVERSION NOTE: ORDER **ZKIT**: Astronomic kit for field conversion of TORK 7000 and 1100 SERIES

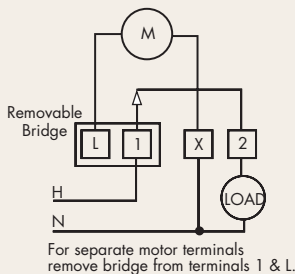
*CSA Only

† Includes adapter plate to fit Intermatic enclosure.

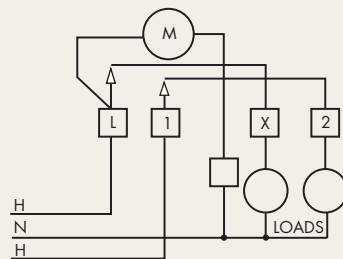
Reserve Power is not available in this series.

WIRING DIAGRAMS

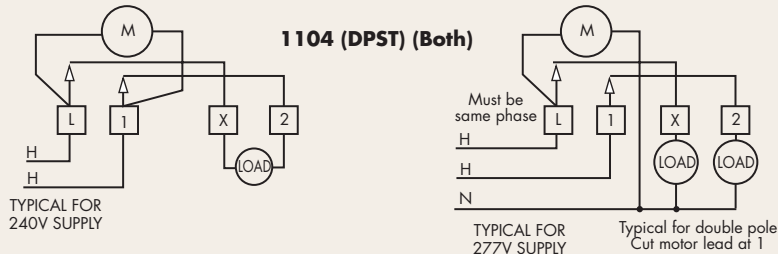
1101 & 1102 (SPST)



1103 (DPST)



1104 (DPST) (Both)



SPECIFICATION WRITER'S GUIDE 1100 SERIES

Furnish and install where shown a TORK Time Switch with 24 hour dial. The Time Switch shall be powered by a self-starting synchronous motor. Time Switch contacts shall be capable of switching 40 amperes per pole continuously at 277 volts and shall be SPST (DPST, SPDT, as required). Removable ON-OFF trippers shall make possible automatic operation with a minimum ON period of 20 minutes and a minimum of 2 hours between one OFF period and the next. Enclosure shall be NEMA 1 surface type, finished in beige enamel, with combination 1/2", 3/4" knockouts on bottom, both sides and back. Provision shall be made for positive padlocking. Terminals shall be capable of receiving #8 AWG wire. Time Switch shall be TORK Model 11__ (11__-, etc, to fit requirement).