

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

SPECIFICATIONS

Contact Ratings:

- 40 Amp. Tungsten, 120 VAC
- 40 Amp. Resistive, 120-277 VAC Single Phase
- 40 Amp. General Purpose, 120-277 VAC Single Phase
- 20 Amp. Inductive 120 VAC, 277 VAC Single Phase
- 1000 VA Pilot Duty 120-277 VAC.
- 2 HP (24 FLA) 120 VAC; 5 HP (28 FLA) 240 VAC

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: Available.

Operating Temperature Range: -40° to +165°F. (-40° to +74°C.)

Enclosure: See end of controls section for dimensions.

General Purpose (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 key-hole as well as matching screw holes for quick mounting over single gang box.

Other Mountings:

Model IAP-Intermatic® Adapter Plate—allows any TORK 1100 model to fit into an Intermatic case without necessity of changing enclosure

Noryl® Indoor/Outdoor NEMA 3R – Model 9000N*.

Metal Indoor/Outdoor NEMA 3 – Model 9000A* (hinged side).

Metal Flush, with lock and key (suffix FL 1) – Model 9001*.

Metal Duplex – 2 standard units in one indoor/outdoor case, surface (suffix DUOL) – Model 9004L*.

Bracket mounting – specify mechanism only with bracket

*Use model number when ordering special enclosures separately.

ORDERING INFORMATION

Model #	Enclosure Type	Switch	Amps	H.P. Rating	MOTOR			Available in 50 Hz
					AC Voltage	Hz	Part #	
1101	Metal Indoor	SPST	40	2	120	60	101	YES
1102	Metal Indoor	SPST	40	5	208-277	60	201	YES
1103	Metal Indoor	DPST	40	2	120	60	101	YES
1104	Metal Indoor	DPST	40	5	208-277	60	201	YES
1101-N	Noryl® Indoor/Outdoor	SPST	40	2	120	60	101	YES
1101-NC	Noryl® with Clear Lexan® Cover	SPST	40	2	120	60	101	YES
1102-N	Noryl® Indoor/Outdoor	SPST	40	5	208-277	60	201	YES
1103-N	Noryl® Indoor/Outdoor	DPST	40	2	120	60	101	YES
1103-NC	Noryl® with Clear Lexan® Cover	DPST	40	2	120	60	101	YES
1104-N	Noryl® Indoor/Outdoor	DPST	40	5	208-277	60	201	YES
1104-NC	Noryl® with Clear Lexan® Cover	DPST	40	5	208-277	60	201	YES
1101-O	Metal Outdoor	SPST	40	2	120	60	101	YES
1102-O	Metal Outdoor	SPST	40	5	208-277	60	201	YES
1103-O	Metal Outdoor	DPST	40	2	120	60	101	YES
1104-O	Metal Outdoor	DPST	40	5	208-277	60	201	YES
1101-M	Mechanism Only	SPST	40	2	120	60	101	YES
†1101-M-IAP	Mechanism Only	SPST	40	2	120	60	101	YES
1102-M	Mechanism Only	SPST	40	5	208-277	60	201	YES
1103-M	Mechanism Only	DPST	40	2	120	60	101	YES
1104-M	Mechanism Only	DPST	40	5	208-277	60	201	YES

†Includes adapter plate to fit Intermatic enclosure.

Reserve Power is not available in this series.

TORK 1 Grove St., Mt. Vernon, NY 10550 • Tel: 914-664-3542 • Fax: 914-664-5052 • Internet: <http://www.tork.com>

1100 SERIES



Model 1101

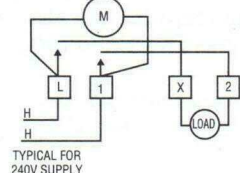
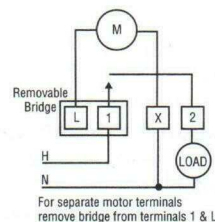


Model 1101NC
with clear Lexan® cover

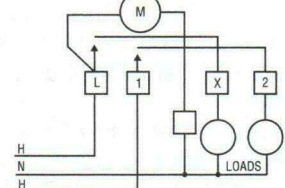


MECHANICAL

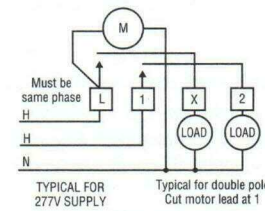
SPST - 1101 & 1102



DPST - 1103



DPST
1104
(Both)



Typical for double pole
Cut motor lead at 1

SWIMMING POOL TIME SWITCHES

1 and 2 Circuit Controls

24 Hour Dial

APPLICATIONS

Automatic ON-OFF control of swimming pool pumping systems with or without water heaters. Two units in one case allow for addition of lighting control, or automatic pool sweep "ON".

Models with "FM" suffix contain low voltage secondary circuit to turn OFF water heater thermostat 20-30 minutes before standard voltage main circuit turns OFF pump. This allows for slow cooling of heater coils, preventing sudden steam build-up and knocking, thereby prolonging heater life.

SPECIFICATIONS

Contact Ratings:

40 Amp. Tungsten, 120 VAC
40 Amp. Resistive, 120-277 VAC Single Phase
40 Amp. General Purpose, 120-277 VAC Single Phase
20 Amp. Inductive 120 VAC, 277 VAC Single Phase
1000 VA Pilot Duty 120-277 VAC.
2 HP (24 FLA) 120 VAC; 5 HP (28 FLA) 240 VAC

Water Heater Circuit: 760VA 24V

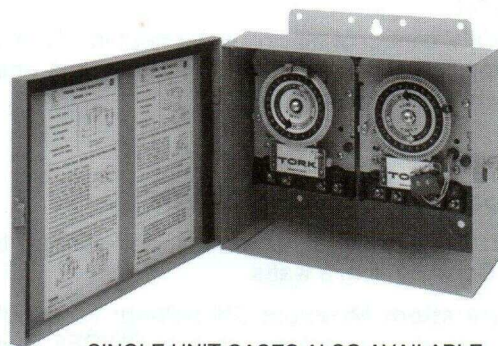
Timing Motor: Heavy duty synchronous, self-starting high torque. Power Consumption: 3 watts.

Automatic Operation: Models with "FM" suffix – Include one pair of permanent type ON-OFF trippers. Can accommodate up to 3 pairs. Minimum ON setting, 45 minutes. Minimum OFF setting, 90 minutes. All other models include 1 pair of ON-OFF trippers – can accommodate up to 12 pairs. Minimum ON setting, 20 minutes. Minimum OFF setting, 75 minutes. Dial markings in English, French & Spanish.

Temporary Manual Override: Available.

Operating Temperature Range: -40° to +165°F. (-40° to +74°C.)

ORDERING INFORMATION



SINGLE UNIT CASES ALSO AVAILABLE
SEE ORDERING INFORMATION

Enclosure: See end of controls section for dimensions.

General Purpose (NEMA 1, Indoor Only). 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 easy mounting over single gang box.

Other Mountings:

Model IAP-Intermatic® Adapter Plate – allows any TORK 1100 model to fit into an Intermatic case without necessity of changing the enclosure.

Single Circuit Control –

Noryl® Indoor /Outdoor NEMA 3R (suffix N) – Model 9000N.*

Metal Indoor /Outdoor NEMA 3. (suffix O) – Model 9000A* (hinged side).

Duplex – Indoor /Outdoor – 2 units in one case, surface (suffix DUOL) – Model 9004L*

Bracket mounting – specify mechanism only with bracket.

*Use model number when ordering special enclosures separately.

Model #	Enclosure Type	Switch	H.P. Rating	Motor AC Voltage
1101	Metal Indoor	SPST	2	120
1103	Metal Indoor	DPST	2	120
1104	Metal Indoor	DPST	5	208-277
1101 FM	Metal Indoor	SPST	2	120
1104 FM	Metal Indoor	DPST	5	208-277
1101 FM N	Noryl® Indoor/Outdoor	SPST	2	120
1104 FM N	Noryl® Indoor/Outdoor	DPST	5	208-277
1101-O	Metal Outdoor	SPST	2	120
1103-O	Metal Outdoor	DPST	2	120
1104-O	Metal Outdoor	DPST	5	208-277
1101 FM-O	Metal Outdoor	SPST	2	120
1104 FM-O	Metal Outdoor	DPST	5	208-277
1101 M	Mechanism Only	SPST	2	120
1103 M	Mechanism Only	DPST	2	120
1104 M	Mechanism Only	DPST	5	208-277
1101 FM M	Mechanism Only	SPST	2	120
1104 FM M	Mechanism Only	DPST	5	208-277
Contains				
1101 D	Two units in metal indoor /outdoor	2 each 1101		
1114 D	Two units in metal indoor /outdoor	1 each 1101, 1 each 1104		
1104 D	Two units in metal indoor /outdoor	2 each 1104		
1101 DF	Two units in metal indoor /outdoor	1 each 1101, 1 each 1101 FM		
1114 DF	Two units in metal indoor /outdoor	1 each 1101, 1 each 1104 FM		
1104 DF	Two units in metal indoor /outdoor	1 each 1104, 1 each 1104 FM		

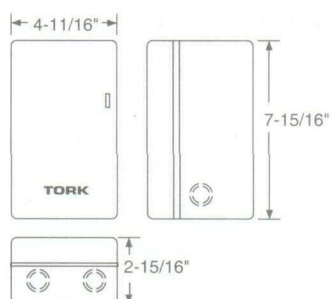
FM models contain low voltage pool heater thermostat switch.

Reserve Power is not available in this series.

METAL INDOOR NEMA 1 #68229

STD. FOR MODELS

1101	7122
1102	8001
1103	8004
1104	8011
1101FM	8061
1104FM	8121
7100	8301
7102	8601
7200	8602
7202	E100 Series,
7120	EH10/20



METAL INDOOR NEMA 1 #63100

STD. FOR MODELS

7220, (L)	1847AL	LC200
7222, (L)	1847AZL	LDS-A
7200L	8001L	LDSH-A
7202L	8007	
7120L	8007L	
1847A	8007V	
1848A	8150	
1849A	8150U	
1847AZ		

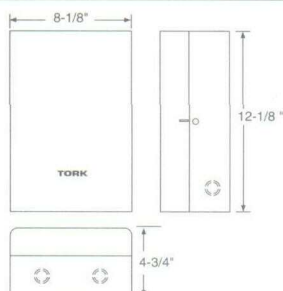


**AVAILABLE
FOR SERIES**
DZS, DTS,
DW, DWZ,
DG

METAL INDOOR NEMA 1 #63016-1

STD. FOR MODELS

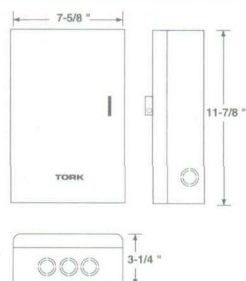
TZ220L	W302L
TZ300L	TW220L
W300	TW300L
W302	T920L
W300L	T930L



METAL INDOOR NEMA 1 #70100

STD. FOR MODELS

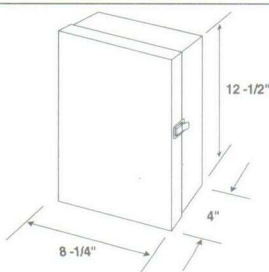
W100	W222
W200	W220L
W202	W222L
W120	1847AW
W220	1847AWL



METAL INDOOR NEMA 1

STD. FOR MODELS

W400A	W400AL
W402A	W402AL



METAL INDOOR/OUTDOOR NEMA 3 Model 9000A – Suffix O (replaces Model 9000)

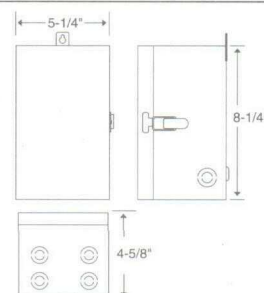
STD. FOR MODELS

7300, (L)	7302Z
7302, (L)	7300ZL
7300Z	7302ZL

AVAILABLE FOR MODELS

1101	7200, (L,Z,ZL)	1847AL	8007V
1102	7202, (L,Z,ZL)	1847AZL	8011
1103	7120, (L,Z,ZL)	8001	8061
1104	7122, (L,ZL)	8004	8121
1101FM	7220, (L)	E100 Series	8301
1104FM	7222, (L)	8001U	8601
7100	1847A	8007	8602
7102	1847AZ	8007L	

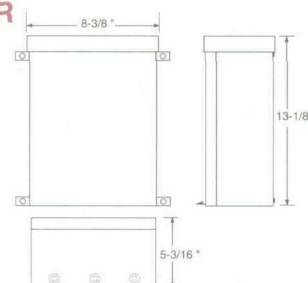
DW, DWZ, DZS, DTS Series



METAL INDOOR/OUTDOOR NEMA 3 Model 9006 – Suffix O

AVAILABLE FOR MODELS

W100	W222	T920L
W200	W220L	T930L
W202	W222L	1847AW
W300	W300L	1847AWL
W302	W302L	
W120	TW220L	
W220	TW300L	



METAL INDOOR/OUTDOOR – NEMA 3 Model 9013I - Suffix O

DIMENSIONS: 10-1/2" x 7-7/8" x 4-3/4"

AVAILABLE FOR MODELS

W400AL
W402AL

NORYL® INDOOR/OUTDOOR NEMA 3R Model 9000N – Suffix N

STD. FOR MODELS

7200Z, (L)	DG Series	DWZ Series
7202Z, (L)	DZS Series	SMC-3D
7120Z, (L)	DTS Series	
7122ZL	DW Series	

AVAILABLE FOR MODELS

1101	7202, (L,Z,ZL)	1847AZL	8602
1102	7120, (L,Z,ZL)	8001	E100 Series
1103	7122	8004	
1104	7122ZL	8001U	
1101FM	7220, (L)	8011	
1104FM	7222, (L)	8061	
7100	1847A	8121	
7102	1847AZ	8301	
7200, (L,Z,ZL)	1847AL	8601	

