

TYPE T100 TIME SWITCHES



Intermatic SPST time switch turns equipment "on" and "off" once in 24 hours. With extra trippers (available), will operate up to 11 times a day. Trippers can be added without removing the dial. Minimum time between settings is 1 Hr. Manual operation does not interfere with settings. **Switch Rated (each pole):** 40A resistive at 120-480 VAC.; 40A tungsten inductive or 1000 VA pilot duty at 120-277 VAC; 2 HP (24 FLA) at 120 VAC; 5 HP (28 FLA) at 240 VAC, 1Ø; 7½ HP (28 FLA) at 208 VAC; 10 HP (28 FLA) at 240 VAC, 3Ø. Gray steel case w/knockouts. Size, 5"x3"x7¾". UL Listed and CSA Certified.

Mfr. No.	Arrangement	Volts 60 Hz
24 Hour Dials—Standard On-Off Time Switch		
T101	SPST	125
T102	SPST	208-277
T103	DPST	125
T104	DPST	208-277
T101B	SPST	125
T102B	SPST	208-277
T105	SPDT	125
Indoor-Outdoor Enclosure		
T101R	SPST	125
T102R	SPST	208-277
T1105R	SPST	480
T103R	DPST	125
T104R	DPST	208-277
T1205R	DPST	480
T106R	SPDT	208-277
Plastic Indoor-Outdoor Enclosure		
T101P	SPST	125
T102P	SPST	208-277
T103P	DPST	125
T104P	DPST	208-277
Flush Enclosure		
T101F	SPST	125
Mechanism Only		
T101M	SPST	125
T102M	SPST	208-277
T103M	DPST	125
T104M	DPST	208-277
T1205M	DPST	480
T106M	SPDT	208-277

TYPE T180 RANGER TIME SWITCHES



The Ranger Handles a wide range of cycle operations such as process timing, intermittent pumping, conveying, spraying and ventilation. The dial will accept as many as 12 trips, each of which is independently adjustable for 10 to 60 minutes of on time. Three on-off trippers are supplied. **Switch Rated (each pole):** 40A resistive at 120-480 VAC; 40A tungsten inductive or 1000 VA pilot duty at 120-277 VAC; 2 HP (24 FLA) at 120 VAC; 5 HP (28 FLA) at 240 VAC, 1Ø; 7½ HP (28 FLA) at 208 VAC; 10 HP (28 FLA) 240 VAC 3Ø. UL Listed and CSA Certified.

Mfr. No.	Arrangement	Volts 60 Hz
24 Hour Dial—Indoor		
T185	SPST	125

Can be used 3 ways: 1—SPST, NO; 2—SPST, NC; 3—SPDT, Alternate open and close.

TYPE P100 PORTABLE TIME SWITCHES



Handy, portable SPST plug-in time switch with "Skipper" feature. Similar to Type T101 except case equipped with a receptacle and cord set for portable plug-in use. Recommended for all around use on the farm, in stores and in homes. Handles any appliance that plugs into regular outlets. Can be set for as many as 12 on-off operations per day. Can be used to control radios, TV sets, roasters, lamps and other appliances, also controls shortwave transmitters and receivers. Manual operation will not interfere with settings. Drawn Steel case 7¾"H x 5"W x 3"D. **Switch Rated:** 15A Models—15A resistive at 125 VAC, 15A tungsten 125 VAC, 345 VA pilot duty (15 FLA) at 125 VAC. Shipping Weight, 3 lbs. UL Listed and CSA Certified.

Mfr. No.	Arrangement	Volts 60 Hz	Amp Rating
P104-32	DPST	250	20
P171-30	SPST	125	15
P171-32	SPST	125	20
P174-30	DPST	250	15

TYPE T50000 TIMING CONTROL CENTER



Photo control initiated, time switch terminated control. "On/Off" program each day and spring wound carry-over. Designed for applications where you need to turn a load "On" at dusk and "Off" at a preset time. Carry-over of 16 Hrs. is provided by wound spring. Designed to controll contactor control circuit. Steel 12½"H x 8¼"W x 4"D gray finish case designed for indoor use with toggle action drawbolt and locking feature. **Contact Rating:** 15A at 125/250 VAC; ½ HP at 125/250 VAC; 420 VA pilot duty, 150W tungsten at 125 VAC. (May be used with 24V systems if wired in accordance with National Electric Code Regulations.) **Clock Motor and Photo Control:** 120 VAC, 60 Hz.

Mfr. No.	Circuit	Description
T51111BC	A	Sunset, Photo Control ON; Preset Time Switch OFF (NOTE: Night light, 150W max., may be connected to terminal No. 3 for direct control by Photo Control.)
T51211BC	A	Sunset, Photo Control ON; Preset Time Switch OFF
	B	Sunset, Photon Control ON; Sunrise, Photo Control OFF
T51311BC	A	Sunset, Photo Control ON; Preset Time Switch OFF
	B	Sunset, Photo Control ON; Sunrise, Photo Control OFF
	C	Preset Time Switch ON; Preset Time Switch OFF

TYPE T100 TIME SWITCHES



Intermatic SPST time switch turns equipment "on" and "off" once in 24 hours. With extra trippers (available), will operate up to 11 times a day. Trippers can be added without removing the dial. Minimum time between settings is 1 Hr. Manual operation does not interfere with settings. **Switch Rated (each pole):** 40A resistive at 120-480 VAC.; 40A tungsten inductive or 1000 VA pilot duty at 120-277 VAC; 2 HP (24 FLA) at 120 VAC; 5 HP (28 FLA) at 240 VAC, 1Ø; 7½ HP (28 FLA) at 208 VAC; 10 HP (28 FLA) at 240 VAC, 3Ø. Gray steel case w/knockouts. Size, 5"x3"x7¼". UL Listed and CSA Certified.

Mfr. No.	Arrangement	Volts 60 Hz
24 Hour Dials—Standard On-Off Time Switch		
T101	SPST	125
T102	SPST	208-277
T103	DPST	125
T104	DPST	208-277
T101B	SPST	125
T102B	SPST	208-277
T105	SPDT	125
Indoor-Outdoor Enclosure		
T101R	SPST	125
T102R	SPST	208-277
T1105R	SPST	480
T103R	DPST	125
T104R	DPST	208-277
T1205R	DPST	480
T106R	SPDT	208-277
Plastic Indoor-Outdoor Enclosure		
T101P	SPST	125
T102P	SPST	208-277
T103P	DPST	125
T104P	DPST	208-277
Flush Enclosure		
T101F	SPST	125
Mechanism Only		
T101M	SPST	125
T102M	SPST	208-277
T103M	DPST	125
T104M	DPST	208-277
T1205M	DPST	480
T106M	SPDT	208-277

TYPE T180 RANGER TIME SWITCHES

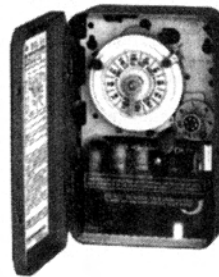


The Ranger Handles a wide range of cycle operations such as process timing, intermittent pumping, conveying, spraying and ventilation. The dial will accept as many as 12 trips, each of which is independently adjustable for 10 to 60 minutes of on time. Three on-off trippers are supplied. **Switch Rated (each pole):** 40A resistive at 120-480 VAC; 40A tungsten inductive or 1000 VA pilot duty at 120-277 VAC; 2 HP (24 FLA) at 120 VAC; 5 HP (28 FLA) at 240 VAC, 1Ø; 7½ HP (28 FLA) at 208 VAC; 10 HP (28 FLA) 240 VAC 3Ø. UL Listed and CSA Certified.

Mfr. No.	Arrangement	Volts 60 Hz
24 Hour Dial—Indoor		
T185	SPST	125

Can be used 3 ways: 1—SPST, NO; 2—SPST, NC; 3—SPDT, Alternate open and close.

TYPE P100 PORTABLE TIME SWITCHES



Handy, portable SPST plug-in time switch with "Skipper" feature. Similar to Type T101 except case equipped with a receptacle and cord set for portable plug-in use. Recommended for all around use on the farm, in stores and in homes. Handles any appliance that plugs into regular outlets. Can be set for as many as 12 on-off operations per day. Can be used to control radios, TV sets, roasters, lamps and other appliances, also controls shortwave transmitters and receivers. Manual operation will not interfere with settings. Drawn Steel case 7¼"H x 5"W x 3"D. **Switch Rated:** 15A Models—15A resistive at 125 VAC, 15A tungsten 125 VAC, 345 VA pilot duty (15 FLA) at 125 VAC. Shipping Weight, 3 lbs. UL Listed and CSA Certified.

Mfr. No.	Arrangement	Volts 60 Hz	Amp Rating
P104-32	DPST	250	20
P171-30	SPST	125	15
P171-32	SPST	125	20
P174-30	DPST	250	15

TYPE T50000 TIMING CONTROL CENTER

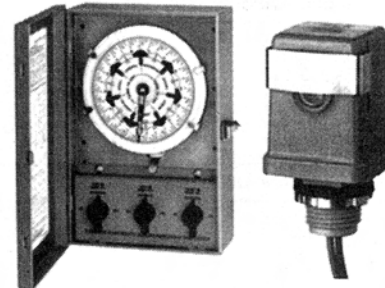


Photo control initiated, time switch terminated control. "On/Off" program each day and spring wound carry-over. Designed for applications where you need to turn a load "On" at dusk and "Off" at a preset time. Carry-over of 16 Hrs. is provided by wound spring. Designed to controll contactor control circuit. Steel 12½"H x 8¼"W x 4"D gray finish case designed for indoor use with toggle action drawbolt and locking feature. **Contact Rating:** 15A at 125/250 VAC; ½ HP at 125/250 VAC; 420 VA pilot duty, 150W tungsten at 125 VAC. (May be used with 24V systems if wired in accordance with National Electric Code Regulations.) **Clock Motor and Photo Control:** 120 VAC, 60 Hz.

Mfr. No.	Circuit	Description
T51111BC	A	Sunset, Photo Control ON; Preset Time Switch OFF (NOTE: Night light, 150W max., may be connected to terminal No. 3 for direct control by Photo Control.)
T51211BC	A	Sunset, Photo Control ON; Preset Time Switch OFF
	B	Sunset, Photon Control ON; Sunrise, Photo Control OFF
T51311BC	A	Sunset, Photo Control ON; Preset Time Switch OFF
	B	Sunset, Photo Control ON; Sunrise, Photo Control OFF
	C	Preset Time Switch ON; Preset Time Switch OFF

TYPE T170 "SKIPPER" TIME SWITCHES



For control operations where it is desired to skip operation of the time switch on Saturdays, Sundays, holidays or other selected days. The "Skipper" has 2 dials: Time dial and day dial. To skip days, small skipping screws are inserted in the proper holes in the day dial. "Off" tripper is set in the usual manner on the time dial. Special "cutoff" tripper acts as "on" tripper; advances day dial every 24 Hrs. From 1 to 11 on and off operations can be obtained with extra trippers. Timing range: Minimum "on" and "off" time, 1 hour; maximum 23 Hrs. Switch may be turned on or off manually without affecting time settings. Automatic reset resumes time cycle. **Switch Rated (each pole):** 40A resistive at 120-480 VAC; 40A tungsten inductive or 1000 VA pilot duty at 120-277 VAC; 2 HP (24 FLA) at 120 VAC; 5 HP (28 FLA) at 240 VAC, 1Ø; 7½ HP (28 FLA) at 208 VAC; 10 HP (28 FLA) at 240 VAC, 3Ø. Size 7½"×5"×3". Includes one "off" tripper, one cut-out tripper, three skipping screws and instructions. UL Listed and CSA Certified.

Mfr. No.	Arrangement	Volts 60 Hz
24 Hour Dials—Skip Days Time Switch Indoor Enclosure		
T171	SPST	125
T172	SPST	208-277
T173	DPST	125
T174	DPST	208-277
T175	SPDT	125
T176	SPDT	208-277
T171B	SPST	125
Indoor-Outdoor Enclosure		
T171R	SPST	124
T172R	SPST	208-277
T173R	DPST	125
T174R	DPST	208-277
T176R	SPDT	208-277
4 Pole and DPDT Switches—Indoor-Outdoor Enclosure		
T1471BR	4PST	125
T1472BR	4PST	208-277
T1871BR	DPDT	125
T1872BR	DPDT	208-277
Mechanism Only		
T171M	SPST	125
T173M	DPST	125
T174M	DPST	208-277
T175M	SPDT	125
T1175M	SPST	480
T1275M	DPST	480
T1471BM	4PST	125
Carryover Models—Indoor-Outdoor Enclosure		
T171CR	SPST	125
T172CR	SPST	208-277
T173CR	DPST	125
T174CR	DPST	208-277
T175CR	SPDT	125
4 Pole and DPDT Switches w/Carryover—Indoor-Outdoor Enclosure		
T1471BCR	4PST	125
T1871BCR	DPDT	125

Note: For 24 V. motor add-24 to the end of the part No.

TYPE ET70000C TIME SWITCHES



Full year 7 day 1 and 2 circuit electronic time switches with min. of 400 programmable set points. User selectable 12 Hr. A.M./P.M. or 24 Hr. Includes 99 holiday settings. LED indicators. Field replaceable lithium battery good for up to 8 yrs. **Case:** NEMA 1, drawn steel 7¼"H × 5"W × 3"D with gray finish. NEMA 3R, drawn steel 9¼"H × 1½"W × 3½"D in gray finish. Combination of ½"/¾" nominal knockouts, one on back and each side and two on bottom. Field selectable for, 120, 208, 240 or 277 VAC at 50/60 Hz. **Switch Rated (N.O. contacts, each pole):** 20A resistive at 12-240 VAC; 20A resistive at 28 VDC; 20A ballast at 120 VAC; 10A ballast at 240-277 VAC; 1 HP (98 LRA, 22 FLA) at 120 VAC, 60 Hz.; 2 HP (80 LRA, 30 FLA) at 240 VAC, 60 Hz.; 5A tungsten at 120-240 VAC; 470 VA pilot duty at 12-240 VAC; TV-5 at 120-240 VAC. **Switch Rated (N.C. contacts):** 10A resistive at 12-240 VAC; 10A resistive at 28 VDC; 3A ballast at 120-277 VAC; ¼ HP at 120 VAC, 60 Hz.; ½ HP (30 LRA, 12 FLA) at 240 VAC, 60 Hz.; 275 VA pilot duty, 12-240 VAC. UL Listed and CSA Certified.

Mfr. No.	Arrangement	Case Type
ET70115C	SPDT	NEMA 1
ET70215C	SPDT	NEMA 1
ET70115CR	SPDT	NEMA 3
ET70215CR	SPDT	NEMA 3

TYPE ET70415C TIME SWITCH



Full year 7 day 4 circuit electronic time switches with min. of 400 programmable set points. User selectable 12 Hr. A.M./P.M. or 24 Hr. Includes 99 holiday settings. LED indicators. Field replaceable lithium battery good for up to 8 yrs. NEMA 1, heavy-duty 0.047", 18 gauge steel 12½"H × 8¼"W × 4"D lockable case with gray finish. Combination of ½"/¾" nominal knockouts, one on each side, two on back and two on bottom; one 1" nominal knockout on bottom center. Field selectable for, 120, 208, 240 or 277 VAC at 50/60 Hz. **Switch Rated (N.O. contacts, each pole):** 20A resistive at 12-240 VAC; 20A resistive at 28 VDC; 20A ballast at 120 VAC; 10A ballast at 240-277 VAC; 1 HP (98 LRA, 22 FLA) at 120 VAC, 60 Hz.; 2 HP (80 LRA, 30 FLA) at 240 VAC, 60 Hz.; 5A tungsten at 120-240 VAC; 470 VA pilot duty at 12-240 VAC; TV-5 at 120-240 VAC. **Switch Rated (N.C. contacts):** 10A resistive at 12-240 VAC; 10A resistive at 28 VDC; 3A ballast at 120-277 VAC; ¼ HP at 120 VAC, 60 Hz.; ½ HP (30 LRA, 12 FLA) at 240 VAC, 60 Hz.; 275 VA pilot duty, 12-240 VAC. UL Listed and CSA Certified.

Mfr. No.	Arrangement	Case Type
ET70415CR	SPDT	NEMA 3