

## Certification Record

CUSTOMER	CLASS	FILE
Intermatic Incorporated 7777 Winn Rd, Intermatic Plaza Spring Grove IL 60081-9698 USA	<a href="#">6211-01</a> SWITCHES-Automatic - Clock Type	003730_C_000
<b>Refer to Class Description for program details</b>		

- Clock-operated switches, electro-mechanical type Series FM/1, 24-240Vac; 60Hz 21A, 250V ac (Resistive); 1350 watt (Tungsten); 1 HP, 125Vac; 2 HP, 240Vac.
- Clock-operated switches, electro-mechanical type Series MIL 72, 24-240Vac; 60Hz, 21A, 250Vac (Resistive); 1350 watt (Tungsten); 1 HP, 120Vac; 2 HP, 240Vac; 16 FLA, 96 LRA, 120Vac Ind; 12 FLA, 72 LRA, 240Vac Ind.
- Clock-operated switches Cat Nos DT11, DT27, rated 15A, 1800W Resistive/Inductive, 500W Tungsten, 1/3HP, 120Vac, 60Hz.
- Clock-operated switch Cat Nos DT121, TB121, rated 8.3A, 1000W (resistive/inductive), 300W Tungsten, 120Vac, 60Hz.
- Clock-operated switch Cat Nos DT500CL, DT500CH, rated 10A Resistive, 500W Tungsten, 5A Inductive, 120 Volts, 60Hz.
- Clock-operated switches Cat Nos DT620, DT620CH, DT620CL, rated 12A Inductive, 15Amps Resistive, 1000W Tungsten, 1/2HP Motor, 125V, 60Hz.
- Clock-operated switches Series FF, FD and WP, rated 1 hp, 125Vac; 2 hp, 250Vac; 7A tungsten, 125Vac; resistive 20A, 125Vac, 10A, 250Vac, 10A, 277Vac.
- Clock-operated switches Series HB21R, HB32R, raintight, rated 10A Resistive, 1200W (10A) Tungsten, 10 FLA, 60 LRA, TV-5, 360VA, 120Vac.
- Clock-operated switch Series HB71R, raintight, 15A Inductive, 15A Resistive, 500W Tungsten, 1/3Hp, 120V, 60Hz.
- Clock-operated switches Series HB111, rated 1/3HP (12FLA, 72LRA), 15A Resistive, 1250W Tungsten, 8A Inductive, TV-5; 125V, 60Hz; Clock Motor 125V, 60Hz.
- Clock-operated switches Series HB112, rated 2HP (8FLA, 48LRA), 8A Air Conditioner, 15A Resistive, 8A Inductive, 768VA Pilot Duty, 240Vac, 60Hz; Clock Motor 240V, 60Hz.
- Clock-operated switches Series HB113, rated 1HP (12FLA, 72LRA), 12A Air Conditioner, 20A Resistive, 8A Inductive, 576VA Pilot Duty, 1250W Tungsten, TV-5, 125Vac, 60Hz; Clock Motor 125V, 60Hz
- Clock-operated switches Series HB114, rated 2HP (8FLA, 48LRA), 8A Air Conditioner, 20A Resistive, 8A Inductive, 768VA Pilot Duty, 240Vac, 60Hz; Clock Motor 240V, 60Hz.
- Clock-operated switch Cat No HB300, outdoor, rated 125V, 60Hz, contact 12 Amp Resistive, 1500W Tungsten (12 Amp), 1/3Hp, 125Volts, 60Hz.
- Clock-operated switch Cat No HB350, outdoor, rated 125V, 60Hz, contact 15 Amp Resistive, 1750W Tungsten (14.5 Amp), 1/3Hp, 125Volts, 60Hz.
- Clock-operated switches Cat Nos HB800RCH, HB800RCL, raintight, rated 15A (1800W) Resistive, 12A Inductive, 8.3A (1000W) Tungsten. 1/3HP, 120V, 60Hz.
- Clock-operated switch Cat No HB1200R, outdoor, rated 15A Resistive, 1750W Tungsten, 1/3 HP motor, 125Vac, 60 Hz.

- Clock operated switches Series KM2, KM2/1, supply 110-120V, 60Hz; contacts rated 1HP, 120V, 60Hz; 21A, 1350W Tungsten, 2HP, 240V, 60Hz.
- Clock operated switches Series KM3, supply 110-120V, 60Hz, SPST contacts rated 3A Resistive, 1/10HP, 120Vac, 60Hz.
- Clock-operated switches T8800 Series Cat Nos T8805P101C, T8805R101C, rated 15A, 125Vac, 1/2 HP; Cat No T8806R101C, T8806P101C rated 25V, 208-277Vac, 2HP; Cat No T8845PV rated output 24V-20VA, 125Vac; Cat No R8815P101C, rated 25A, 120Vac, 1-1/2 HP; Cat No R8816P101C 30A, 3HP, 240V.
- Clock-operated switches Cat Nos TN111, TN511, TN711, TN811, TN911, rated 15A Inductive, 15A Resistive, 1875W Tungsten, TV-5, 1/3HP, 125Vac, 60Hz.
- Clock-operated switch Cat No TN121, rated 8.3A Resistive, 1000W Tungsten, 125Vac, 60Hz.
- Clock-operated switches Cat Nos TN211, TN311, rated 15A Inductive, 15A Resistive, 1875W Tungsten, TV-5, 12FLA, 72LRA, 125Vac, 60Hz.
- Clock operated switches Cat No TN600, rated 15 Amp Resistive, 1000 Watts tungsten (15 Amp), 8.3 Amp Inductive, 125 Volts, 60 Hz.
- Clock operated switches Cat No TN800CL, TN800CH, rated 15A Resistive, 1750W Tungsten, 8.3A Inductive, 1/3HP, 125V ac, 60Hz.
- Enclosed type for permanent connection; timing motors 277V max, 25, 50 or 60Hz, 3.5W:

Model/Series	Volt	Rating Amps	HP	VA Pilot	Watt
T-1900,	125	20	1/2	-	-
T-2000,	250	20	1	-	-
C-8800	480	20	-	-	-
Series E1010, E1011, E1012, E1020, E1021, E1022, E1031, T-100	125	15 (Tungsten)	-	-	1500
WH10, WH30, WH40, WH70, WH80, T-100-200	125-277	35 (Tungsten)	3	690	-
Series V41000, V45000, V46000	120-277	40	1 (unmarked rating)		
T7000 and T1000	120-480	40 (Tungsten)	-	1000	-
	120	-	2	-	-
	240	40 (Ind.)	5	-	-
	120-347	40 (Res.)	7-1/2	-	-
	120-347	-	7-1/2	-	-
	120 3 ph	-	10 (5)		
	208 3 ph	-			
	240 3 ph	-			
ET715C, ET718C	24-240	5	-	75 at 24V ac	-
ET728C, ET798C				125 at 120 240V ac	-
ET728C,	24-240	5	-	75 at 24V ac	-

ET798C				125 at 120- 240V ac	-
ET799C, Clock motor 480 Series					
T51000	125-250	15	1/2	-	-

- Cord connected type, weatherproof grounding, Series EB-11R, 120V ac, 15A, 1875W, 5A (tungsten) 12 FLA, 60 LRA, 1/3 hp.
- General use, lawn sprinkler and water softener control, for permanent connection, or open type, timing motor 125V max, 25, 50 or 60Hz, 3.5W:

Model Designation	Volt	Amp	Hp	VA Pilot
S-7000 LS-7000	120	15	1/3	230
Series FF E900M	120	-	1/8	
	125	20 (ind.)	1.0	
	125	7 (Tungsten)		
	250	10 (ind.)		
	125	23		

- Enclosed type, with Type R enclosure and any combination of Series T1 and T5 clock operated switch mounted inside the enclosure, Series T2100, T2200. Enclosure, Type R, weatherproof (Enclosure 3), 10X10X4, for use with the submittor's Certified clock type automatic switches.
- General Use, flush mount, Cat Nos EI341, EJ200, EJ341, EJ351 (SP) and Cat Nos EI343, EJ343, EJ353 (3-Way), rated 4A Ballast (Inductive), 4A Tungsten (Incandescent), 500W (one gang), 400W (two gang), 120Vac.
- General Use, flush mount, electronic 3-way clock operated switch Cat No EJ500, rated 120Vac, 4A Ballast (Inductive), 4A Tungsten (Incandescent) 1-gang or 2-gang.
- General Use, flush mount, Cat Nos EF15MH, EF60MH, EF4HH, EI15MH, EI60MH, EI4HH, rated 500W (Tungsten), 120V ac.
- Enclosed type, Series WH11, TL11, WM14J, 20 FLA, 80 LRA, 1500W (tungsten), 2 hp, 250V ac, 25A (resistive), 3125W (resistive), 110-125V, 60Hz: Series WH21, TL21, WH142, 20 FLA, 80 LRA, 1500W (tungsten), 25A (resistive), 6250W (resistive), 208-250V, 60Hz.
- Enclosed type, model Series "FF" with suffix letters and numbers, rated 10A,277V ac, 10A, 250V ac, 20A, 125V ac, 7A, 125V ac (Tungsten), 1 hp, 125V ac; 2hp, 250V ac; Series WH11, TL11, WM14J, 20 FLA, 80 LRA, 1500W (tungsten), 2 hp,250V ac, 25A (resistive), 3125W (resistive), 110-125V, 60Hz; Series WH21, TL21,WH142, 20 FLA, 80 LRA, 1500W (tungsten), 25A (resistive), 6250W (resistive), 208-250V, 60Hz.
- Enclosed timers, Cat Nos WP15M, WP30M, WP60M, WP12H.
- Raintight timer enclosure, Cat Nos 2T2500A and 2T501A, for use with the submittor's Certified automatic clock switches.
- Raintight timer enclosure, Series 2TXXXXXXX, for use with the submittor's Certified automatic clock switches.
- Four circuit electronic time switch (programmable), Model ET7415C, input: 10W, 120V ac, 60Hz; output per channel: 16A resistive - 30V dc, 16A resistive 120Vac, 14A resistive - 240Vac, 1/2 hp - 120Vac, 720VA - 120/240Vac,600W, Tungsten - 120Vac, 9.8A, inductive - 120V ac, may or may not be followed by suffix letters and/or numbers 1 through 299.
- Two circuit electronic time switch (programmable), Model ET7215C, input: 4W, 120/240/277Vac, 60Hz; output per channel. 10A, resistive - 30Vdc; 10A, resistive - 120V ac; 10A, resistive - 240V ac, 10A, 24Vac; 1/2 hp, 120Vac; 720VA pilot duty, 120 and 240Vac; 600W, Tungsten, 120Vac; 9.8A inductive, 120Vac, 6.65A inductive, 240Vac; 6.0A, ballast, 120-240V ac.
- Programmable solid state timing control, single circuit, Cat No ET7115C, may or may not be followed

by three suffix numbers; input: 120Vac, 60Hz, 4.0W max; output: 15A resistive, 24Vac, 30Vdc, 120/240Vac, 1/2 hp, 120/240Vac, 1/2 hp, 120Vac, 720VA, pilot duty, 120/240Vac, 600W tungsten, 120Vac, 9.8A inductive, 120V ac; 6.65A inductive 240Vac, 6.0A ballast 120/240Vac.

- Permanently connected electronic clock operated switches, ET100xxx, ET101xxx, ET102xxx, ET103xxx, ET104xxx, ET171xxx, ET173xxx, ET174xxx, ET279 with or without an indoor or an outdoor enclosure, rated 30 Amp (inductive/resistive) at 240Vac, 120Vac, 240Vac, 1 HP at 120Vac, 2.0 HP at 240Vac, 5 Amp Tungsten at 120Vac and 240Vac, 20A , 5-28Vdc, 20 Amp Ballast at 120-277Vac. Model No ET105xxx and ET175xxx rated 20 Amp N.O. and 10 Amp N.C. (inductive/resistive) at 120Vac, 240Vac; 1 HP N.O. and ¼ HP N.C. at 120Vac, 2.0 HP N.O. and ½ HP N.C. at 240Vac; 5 Amp Tungsten at 120Vac and 240Vac, 20 Amp N.O. and 3 Amp N.C. Ballast at 120-277V ac.
- Programmable electronic timers, Model ET101C, ET103C, ET171C, ET173C, ET279C rated input - 120V; output - 30A inductive and resistive, 24, 120, 240Vac; 2 hp, 240Vac; 1Hp, 120Vac; 5A Tungsten, 120/240Vac; 6A Ballast, 240Vac.
- Programmable electronic timer, Cat No ET100C, input voltage 120V ac; output ratings 30A resistive and inductive 24, 120Vac; 20A resistive 5-28Vdc; 1 hp at 120Vac; 5A tungsten at 120V ac; 6A ballast at 120Vac.

Electronic Programmable Timers Cat Nos ET90115, ET90215, rated Input: 120-277Vac, 50/60Hz, 16W max; rated Output: Panel 60A max; Per Channel:

Normally Open Contact	Normally Closed Contact	Load Type	Voltage	Frequency
20A	10A	Resistive	12-240Vac	50/60Hz
30A	-	Resistive	12-240Vac	50/60Hz
1HP	1/4HP	Motor	120Vac	50/60Hz
2HP	1/2HP	Motor	240Vac	50/60Hz
5A	-	Tungsten	12-240Vac	50/60Hz
470VA	275VA	Pilot Duty	12-240Vac	50/60Hz
20A	3A	Ballast	120-277Vac	50/60Hz

- Panel mount clock-operated switches, Model PB series with suffixes, switch rated: 16A, 277V ac (resistive); 5A, 600W, 120V ac (tungsten); 1/3 hp, 125V ac; TV-5, 120V ac; 360VA, 120/240V ac; 16 FLA, 72 LRA, 120V ac; 2 hp, 12 FLA, 72 LRA, 240V ac; motor rated: 24V ac, 60Hz; 125V ac, 60Hz; 208-277V ac, 60Hz; 208-277V ac, 50Hz.
- Clock-operated switches, Models SB and IB series with suffixes, direct plug-in type, and Model TB series with suffixes, cord connected type (polarized 1-15P plug cap on No 16 AWG, Type HPN flexible cord), switch rated: 15A, 125V ac (resistive), 5A, 600W, 120V ac (tungsten); 1/3 hp, 125V ac; motor rated 125V ac, 60Hz.
- Receptacles for use with timers, Cat Nos 120SB164A - 15A, 120V, 120SB165A - 15A, 240V, 120SB166A - 20A, 120V, 120SB167A - 20A, 240V.
- Electronic, clock operated, LCD type, switch Model SS5, 120V ac, 60Hz, 500W.
- Raintight clock operated switch, Model HB11R, HB81R, and Model's HB31R & P1121 with suffixes, cord connected type, grounded, SJTW flexible cord, switch rated 15A resistive, 15A, 1800W tungsten, 1 hp, 15 FLA, 90 LRA, TV-5, 360VA, 125V ac.
- Electrical - Model HB33R, 10A (1200W) Resistive; 10A (1200W) Tungsten; 10 FLA, 60 LRA, 120V ac.
- Electronic clock operated switches ET102C, ET104C, input voltage 120Vac, 208Vac, 240Vac and 277Vac; output 30A inductive and resistive 24V ac, 120V ac, 240Vac; 2 hp, 240Vac; 1 hp, 120Vac; 5A tungsten 120Vac, 240Vac; 6A ballast 240V ac.
- Clock-operated switches Model PB900 and 200 Series with suffixes, switch rated 16A, 277V ac (resistive); 15A, 1800W; 120Vac (tungsten); TV-5, 120Vac; 360VA, 120/240Vac; 1Hp (16 FLA, 96 LRA) 120Vac; 2 hp (12 FLA, 72 LRA) 240Vac; motor rated 24V ac, 60Hz; 125Vac, 60Hz;

208/277Vac, 60Hz; 208/277Vac, 50Hz.

- Indoor direct plug-in clock operated switch w/transient voltage surge suppression, EG17T, with/without suffixes, 120V at 60Hz, 1800W, 15A resistive and inductive, 500W. Tungsten 1/3 hp at 120V, 60Hz.
- Indoor direct plug in clock operated switch with transient voltage surge suppression, Model EG1153T with/without suffixes, 5-15 configuration plug and receptacle, 15A (res), 1250W (tungsten); 8A (inductive); 12 FLA, 72 LRA motor load; TV-5, 120V ac.
- Enclosed programmable multi circuit clock operated switch: 120-277V ac selectable input, Models ET70115C, ET70115CR, ET70215C, ET70215CR, ET70415CR, ET70415C, ET70815C, ET70815CR, ET71615C, ET71615CR which may or may not be followed by suffix letter or numbers denoting, customer, packaging, color, etc. Suffix "R" denotes outdoor, wet location "3R" enclosure. Suffix 24 denotes 24V ac input only.

Normally Open Contact	Normally Closed Contact	Resistive and Gen Purpose	28V dc 12-240V ac	50/60Hz
20 Amp	10 Amp	Motor	120V ac	50/60Hz
1 H.P.	1/3 H.P.	Motor	240V ac	50/60Hz
2 H.P.	H.P.	Tungsten	12-240V ac	50/60Hz
4 AMP	-	TV	120-240V ac	50/60Hz
TV-5 AMP	-	Pilot Duty	12-240V ac	50/60Hz
470 VA	275 VA	Ballast	120-277V ac	50/60Hz 50/60Hz
20A	3 AMP	Ballast	120V ac	
20 AMP	-			

- Enclosed permanently connected electronic clock operated switch Models EH10 and EH40, which may or may not be followed by suffix numbers or letters.
- Model EH10 - 30A inductive or resistive at 120V ac, at 60Hz; 5.0A at 120V ac Tungsten; 1.0 hp at 120V ac.
- Model EH40 - 30A inductive or resistive at 240V ac at 60Hz; 5.0A at 240V ac Tungsten; 2.0 hp at 240V ac.
- Raintight clock operated switches Models P1101, P1131 and P1161, which may or may not be followed by suffix letters and/or numbers.

Model No	Input Rating	Output Rating	Features
P1101	120V ac, 60Hz	15A (1800W) resist 15A (1800W) Tung. 1 hp, 15 FLA, 90 LRA motor	15A, with grounded cord, plug and receptacle
P1101R	120V ac, 60Hz	15A (1800W) resist 10A (1200W) Tung. 1 hp, 15 FLA, 90 LRA motor	15A, with grounded cord, plug and receptacle.
P1131	120V ac, 60Hz	20A resist. 1 hp, 15 FLA, 90 LRA motor	20A, grounded locking style cord, plug and receptacle
P1161	120V ac, 60Hz	15A (1800W) resist 15A (1800W) Tung. 1 hp, 15 FLA, 90 LRA motor	15A, grounded cord with Class A GFCI protected grounded receptacle

P1161P	120V ac, 60Hz	15A (1800W) resist 15A (1800W) Tung. 1 hp, 15 FLA, 90 LRA motor, TV-5, 360 Pilot Duty	15A, grounded cord with Class A GFCI protected grounded receptacle
P1261P	120V ac, 60Hz	15A (1800W) resist 15A (1800W) Tung. 1 hp, 15 FLA, 90 LRA motor, TV-5, 360 Pilot Duty	15A, grounded cord with Class A GFCI protected grounded receptacle
P1181P	120V ac, 60Hz	15A (1800W) resist 15A (1800W) Tung. 1 hp, 15 FLA, 90 LRA motor, TV-5, 360 Pilot Duty	15A, grounded cord with Class A GFCI protected grounded receptacle
P1251F	120V, 60Hz	15A, 900W + 1/2 hp 15 FLA; 90 LRA	15A, grounded cord with Class A GFCI protected grounded receptacle
P1271F24	120V, 60HZ	15A, 900W + 1/2 hp 15 FLA; 90 LRA	15A, grounded cord with Class A GFCI protected grounded receptacle
P1251P29	120V, 60Hz	15A, 900W + 1/2 hp 15 FLA; 90 LRA	15A grounded cord with Class A GFCI protected grounded receptacle, Photo Control

- Raintight, conduit connected clock operated switch with photo control: Model P1251F rated  $\hat{A}$ ½ hp, 125V ac, 900W Tungsten, 125V ac, combined load mounted in a "3R" enclosure suitable for wet location.
- Enclosed clock operated switches with cover plate, Models E1120, E1220, E1221 and E1222, rated input 120V, 60Hz, 15A, 1875W reistive,  $\hat{A}$ ½ hp motor, 8A inductive, 1350W Tungsten.
- Wall mounted enclosed clock operated switch, Model SS7, E120, maximum rated input Tungsten - 15A, 120V ac, 6A, 208-277V ac; DC Loads - 4A, 12V dc, 2A, 28V dc; Motors - 1 hp, 120V ac, 2 hp, 240V; Ballast/Fluorescent - 16A, 120-277V ac; Resistive - 20A, 120-277V ac. The SS7 or SS20 may be derated for marketing purposes and may have an additional suffix at the end of its model number; i.e.: SS7A - the A designates colour.
- Enclosed raintight, permanently connected, electronic clock operated switch, Models EP101 and EP104, which may or may not be followed by suffix numbers or letters.  
Model EP101CP3: 120V, 60Hz, 30A inductive, resistive, 1HP at 120V ac, 5A Tungsten at 120V ac.  
Model EP104CP3: 240V, 60Hz, 30A inductive, resistive, 1HP at 120V ac, 2HP at 240V ac, 5A Tungsten at 240V ac.
- Open, permanently connected, electronic clock operated switch for use with Intermatic Certified enclosures, Models EP101 and EP104, which may or may not be followed suffix number or letters.  
Model EP101CM: 120V, 50Hz, 30A inductive, resistive, 1HP at 120V ac, 5A Tungsten at 120V ac.  
Model EP104CM: 240V, 60Hz, 30A inductive, resistive, 1HP at 120V ac, 2HP at 240V ac, 5A Tungsten at 240V ac.
- Enclosed outdoor clock operated switches, Model Numbers P7101FE rated 20A, 1HP, 125V ac; P7102FE rated 20A, 3HP, 125V ac; P7103FE 20A, 3HP, 125V ac; P1102FE 20A, 3HP, 240V ac; P1203FR 20A, 1.5hp/3HP, 120/240V ac.
- Unenclosed Model Numbers P7101ME rated 20A, 1HP, 125V ac; P7102ME rated 20A, 3HP, 125V ac;

P7103ME 20A, 3HP, 125V ac; P1102ME 20A, 3HP, 240V ac, P1103ME 20A, 1.5hp/3HP, 120/240V ac.

- Clock-operated switch Model HB51R, rated 1000W (resistive), 8.3A (1000W incandescent), 120Vac, Type 3R.
- Clock-operated switches Cat Nos T101P4, T1014P4, T101P204 and T104P204 rated 40 (Resistive, Tungsten, Inductive) 2HP 120V; 5HP 240V; 1000VA Pilot Duty.
- Clock-operated switch Cat No TB211C, rated 10A, 1250W Resistive, 1250W Tungsten, TV-5, 1/3HP, 125Vac, 60Hz.
- Clock operated switches completely enclosed types permanently installed T100 series model Nos T101, T102, T103, T104, T105, T106 and T185. T170 series Model Nos T171, T172, T173, T174, T175, and T176, T1400 series Model Nos T1471, T1472, T1475, T1800 series Model Nos T1871, T1872 rated 40A each pole, Resistive 120-480V ac, 40A each pole, Tungsten or Inductive, 120V, 208V, 240V or 277V. 1000VA Pilot Duty, 120-277V ac. Portable cord connected P100, P170 series model Nos P104-32, P171-32 rated 20A each pole, Resistive, Tungsten 250V ac, P171-30, P174-30 rated 15A each pole, Resistive, Tungsten 125V ac. Model T101BQ rated 10A resistive or inductive 120-277V ac, 125VA Pilot Duty 120-277V ac. T1900 series rated 20A, 125, and 208-277V ac.
- Clock-operated switches T7000 series Model Nos T7401, T7402, T7405, T7407, T7801, T7802, T7807, T7805, rated 40A each pole resistive, 120-480Vac, 40A each pole, Tungsten or Inductive, 120V, 208V, 240V or 277V. 1000VA Pilot Duty, 120-277Vac.
- Clock operated switches completely enclosed types permanently installed WH series Cat Nos WH11, WH21, WH142, TL11, and TL21, rated 20A resistive, 110-125V, 208-250V. T104-20, WH40, WH80 rated 40A resistive, inductive or tungsten 120-277Vac, 1000VA Pilot Duty 120-277Vac.
- Clock-operated switches with photo control Series T50000 Cat Nos T51111, T51211, T51311, rated 15A, 125V, 250V, 420 VA Pilot Duty.
- Clock operated switches completely enclosed type permanently connected, series T2000 model nos T2005 and T2006 rated 20A resistive, 125 and 208-277V ac.
- Clock operated switches completely enclosed types, solid state direct plug-in type model no DT1 rated 15A resistive 120V ac, 4.2A tungsten 120V ac, 1/3 HP 120V ac, 15A ballast 120V ac.
- Model ML815TKR/AL1200TKR (same as HB31R) with the addition of a pcb receiver board activated by ML815TKT/AL1200TKT battery powered transmitter.
- Programmable solid state timing controls Cat Nos ET716CK and ET716CM. Input (terminals 1-5) 3.5W max, 120/240/277V ac; output per relay (terminals 9-14) 5A resistive, 24-277V ac; 75VA pilot duty; 24V ac; 125VA pilot duty, 120/240V ac; 2.16A inductive normally open contacts only, 0.85A inductive normally closed contacts only, 480VA pilot duty, 277V ac.
- Photo-Control Override (terminals 7-8) Class 2, 6.5V dc max, 0.001W.
- Cycle Percentage Timer Cat No CT1000, rated Input: 120/240Vac, 60Hz; Output: 20A Resistive, 28Vdc; 1HP, 120Vac; 20A General Purpose, 5A Tungsten, 470VA Pilot Duty, TV-5, 2HP, 240Vac; 10A Ballast, 277Vac.
- Cycle Percentage Timers Cat Nos CT2000, CT2000R, rated Input: 120/240Vac, 60Hz; Output: 20A Resistive, 28Vdc; 1HP, 120Vac; 20A General Purpose, 5A Tungsten, 470VA Pilot Duty, 2HP, 240Vac; 10A Ballast, 277Vac.
- Clock operated switches, Electronic type with enclosure ET70115C, ET70115CM, ET70115CR, ET70115CR24, ET70115CM24, ET70215C, ET70215CM, ET70215CR, ET71215CR24, ET71215CM24, ET70415CR, ET70415CM, ET70415CR24, ET70415CM24, ET70815CR, ET70815CR24, ET71615CR, ET71615CM, ET71615CM24, ET71615CM (3R Rating) and ET71615CR24 (3R Rating). 120/208/240/277V ac, 50-60Hz, AC for all models.

Normally Open

Contact

Normally Closed Contact

20 Amp

10 Amp

Resistive and  
General Purpose

28V dc  
12-240V ac

50 - 60Hz

1 HP	1/3 H.P.	MOTOR	120V ac	50 - 60Hz
2 HP	1/2 H.P.	MOTOR	240V ac	50 - 60Hz
5 AMP	- - -	TUNGSTEN	12 - 240V ac	50 - 60Hz
TV-5 AMP	- - -	T.V.	120 - 240V ac	50 - 60Hz
470 VA	275 VA	PILOT DUTY	12 - 240V ac	50 - 60Hz
10 AMP	3 AMP	BALLAST	120 - 277V ac	50 - 60Hz
20 AMP	- - -	BALLAST	120V ac	50 - 60Hz

- Enclosed cord connected outdoor clock operated switch, Model No HB35R & HB35RSW, 10A (1200W) Resistive; 10A (1200W) Tungsten; 10FLA, 60 LRA, 120V ac.
- Enclosed, Models LS70 and LS71 "Lawn Sprinkler 14 day timers" rated 5A, 120/240V ac, Pilot Duty 115VA, 1/8 hp 120/240V.
- Permanently connected electronic clock operated switches, P1353ME, without an enclosure (Mech only; rated 20 Amp. (resistive) 120/240V ac; 20A FLA 96A LRA 120V ac; 17A FLA 80A LRA 240V ac; 5A Tungsten 120/240V ac; Aux switch 2A (resistive) 24V dc.
- Enclosed cord connected outdoor clock operated switch, Model No HB1116R, 15A (1800W) resistive; 15A (1800W) Tungsten; 120V ac.
- Permanently connected electronic clock operated switches, EH10xxx, and EH40xxx, with and indoor enclosure, EP101xxx, and EP 104xxx with an outdoor enclosure, and EP101xxx and EP104xxx mechanism only, switch rated 30 Amp. (inductive/resistive) @ 240V ac, 2.0 HP @ 240V ac, Potter and Brumfield Relay, 5 Amp Tungsten @ 240V ac.
- Enclosed cord connected outdoor clock operated switch Model No HB36R, rated 15A (1800W) Resistive; 15A (1800W) Tungsten; 15 FLA, 90 LRA, 120Vac.
- Clock operated switches completely enclosed types permanently connected, DPST, Model No T1205R, 24 hour industrial grade, rated 40A Resistive 120V-480V ac; 40A inductive or Tungsten or 1000VA Pilot Duty 120-277V ac; 2 hp (24FLA) 120V ac; 5 hp (28FLA) 240V ac.
- Permanently connected electronic clock operated switches, ET8015xxx and ET8215xxx with or without an indoor or an outdoor enclosure, rated 30 Amp (inductive/resistive) at 120V ac, 240V ac, 1 hp at 120V ac, 2.0 hp at 240V ac, 5 Amp Tungsten at 120Vac and 240Vac, 20A 28V dc, 20 Amp Ballast at 120-277V ac. Model Nos ET8115xxx rated 20 Amp N.O. and 10 Amp N.C. (inductive/resistive) at 120Vac, 240V ac; 1 hp N.O. and 1/4 hp N.C. at 120V ac, 2.0 hp N.O. and 1/2 hp N.C. at 240Vac; 5 Amp Tungsten at 120Vac and 240Vac, 20 Amp N.O. and 3 Amp N.C. Ballast at 120-277Vac.
- Clock operated enclosed switches, solid state outlet box mounted Models ST01C, ST01C70, ST01AC, ST01AC70, ST01ACL, EI400C, EI400LAC, EI400WC, EI600C, EI600LAC, EI600WC, rated 15A tungsten, 120V ac, 6A, 208-277V ac; DC Loads 4A 12V dc, 2A 28V dc; Motors 1HP 120VAC, 2HP 240V ac, Ballast 16A 120V ac, 208-277V ac; Resistive 20A 120-277Vac.
- Clock-operated switches ET1105xxx, ET1705xxx, ET1125xxx, ET1725xxx, ET8015xxx, ET8215xxx with or without an indoor or an outdoor enclosure, rated 30 Amp (inductive/resistive) at 120Vac, 240Vac, 1HP at 120Vac, 2HP at 240V ac, 5A Tungsten at 120Vac and 240Vac, 20A 28Vdc, 20A Ballast at 120-277Vac. Model Nos ET1115xxx, ET1715xxx and ET8115xxx, rated 20 Amp N.O. and 10 Amp N.C. (inductive/resistive) at 120Vac, 240Vac; 1HP N.O. and 1/4 HP N.C. at 120Vac, 2HP N.O. and 1/2 HP N.C. at 240Vac; 5A Tungsten at 120Vac and 240Vac, 20 Amp N.O. and 3Amp N.C. Ballast at 120-277Vac.

THE FOLLOWING PRODUCTS MEET THE INTERIM CERTIFICATION REQUIREMENTS FOR OUTDOOR MULTIPLE RECEPTACLE EXTENSION BOXES IN ACCORDANCE WITH CSA T.I.L. A-32.

- Enclosed cord connected outdoor clock operated switch, Model No HB1116R, 15A (1800W) resistive; 15A (1800W) Tungsten; 120V ac.

Notes:

1. Ampere ratings are non-inductive unless otherwise indicated.
2. Model Series T-100, T-500, T-1300, L-8000, S70000 and LS70000 may be provided with weatherproof enclosure.
3. Suffix "M" added to designation of enclosed type switch indicates switch supplied without enclosure and Certified as open-type, for use only as a component of other CSA Certified equipment. Suffix number -1 through -199 and letters A, B or D indicate mechanical variations, type of packaging, etc.
4. Suffix letters and numbers added to Series F switches to indicate operational time, mechanical variations, type of packaging, etc.
5. Suffix numbers 1 through 99 added to Model Series EJ, EI and EF to denote colour, etc. not affecting Certification.
6. Suffix numbers and/or letters denote customer, colour, packaging, etc, added to Model SS5.
7. The above 2TXXXXXXX Series enclosures are Certified for use with the manufactures clock operated switches only where the suitability of the combination has also been Certified.

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