

Mechanical Cycle Time Switches

<http://waterheatertimer.org/Intermatic-timers-and-manuals.html#cycle>

Talento 121 One-Hour Repeat Cycle Time Switch



Features:

- Synchronous motor driven mechanical one hour time switch
- Low cost repeat cycle timer for industrial processes and other applications
- Provides continuous ON and OFF cycling of a load in a pattern which will repeat every hour
- Captive trippers allow setting up to 24 ON and 24 OFF times in 1.25 minute increments over a one hour period
- May be used in conjunction with an Intermatic 24-hour or 7-day time switch to provide repeat cycle timed switching only during selected periods of the day or week
- May be surface or DIN rail mounted with panels, or may be mounted in an Intermatic indoor or outdoor enclosure
- Available with or without 3-way override
- True clock face

Switch Rating: Each Pole; 40 Amp Resistive, 120-480 VAC; 40 Amp Tungsten, Inductive or 1000 VA Pilot Duty, 120-277 VAC; 2 HP (24 FLA), 120 VAC; 5 HP (28 FLA), 240 VAC single phase.

Specifications:

Size: 3.31 in. H x 2.13 in. W x 2.56 in. D
Switch Output: SPDT isolated contacts
 16 Amp Resistive, 125-250 VAC
 4 Amp Inductive, 125-250 VAC
 1350 W Tungsten, 240 V

Minimum Switching Time: 1.25 Minutes
Operating Temperature: -40°F to 131°F
Operating Humidity: 0 to 95% RH non-condensing
Wiring Connections: Screw terminals for up to #12AWG wire

FM1S12HU-120U 12-Hour Repeat Cycle Time Switch

The FM1S12HU-120U is a synchronous motor driven mechanical 12-hour time switch intended as a low cost repeat cycle timer for industrial processes and other applications. It provides continuous on and off cycling in a pattern which will repeat every 12 hours.



Features:

- 12-hour cycle
- SPDT 21A switch
- Flush, surface or DIN rail mounting
- Captive trippers allow setting up to 48 ON and 48 OFF times in 7.5 minute increments




Specifications:

Size: 3.25 in. H x 3.50 in. W x 2.25 in. D
Supply Voltage: 120 VAC
Power Consumption: 1 VA
Switch Rating: SPDT
Resistive: 21 Amp, 250 VAC
Inductive: 1 HP, 125 VAC; 2 HP, 240 VAC
Wiring Connections: ¼ in. quick-connects


Model Number	Volts AC	Total Cycle Time	Min. ON/ OFF Time	Switch Output
TALENTO121-120	120	1 Hour	1.25 Minutes	SPDT, 16 Amp
TALENTO121-240	208-240	1 Hour	1.25 Minutes	SPDT, 16 Amp
GMX121-O-120 (in NEMA 3R enclosure)	120	1 Hour	1.25 Minutes	SPDT, 16 Amp
FM1S12HU-120U	120	12 Hour	7.5 Minutes	SPDT, 21 Amp






Talento 121

0.35 lbs -40°F
0.16 kg (-40°C)
to
131°F
(55°C)



FM1S12HU-120U

C22.2-177
LR3730
UL917

0.25 lbs -40°F
0.11 kg (-40°C)
to
131°F
(55°C)