



FD Series

UL917
 UL
 E10694
 C22.2-177
 CSA
 LR3730

Request Energy Controls Specifier Guide for more information.



FF Series

Only 1-1/4" Deep

Automatic Shut-Off Timers

These energy saving timers use no electricity to operate. These timers are designed to replace any standard wall switch, single or multi-gang, and automatically limit the "ON" time of fans, lights, motors, heaters and other energy consuming loads. Time limits of 5, 15, 30 and 60 minutes and 2, 4, 6 and 12 hours are available. The "hold feature" allows the user to override the automatic shut-off function for extended use of the load as required. The decorator models are supplied with a molded (white, ivory or almond) time dial plate which is designed to fit either toggle or decorator style switch plates; single or multi-gang. No field modifications are required to fit either style switch plate. An exclusive "up front" terminal connection with teeter type terminals and an easy "press-on" knob design ensure quick and easy installation.

Applications

- Indoor / Outdoor Lighting
- Exhaust Fans
- Ventilating Fans
- Pumps
- Steam Rooms
- Whirlpools
- Broom Closets
- Self Storage Facilities
- Television Sets
- Lighting Overrides
- Whole House Fans
- Tennis Court Lighting
- Air Conditioners
- Bathrooms Fans
- Porch Lights
- Carriage Lights
- Engine Block Heaters
- Process Controls

Specifications

Switch - SPST, SPDT and DPST

Switch Rating - Each Pole

1 H.P. 125 volt A.C. 50 / 60 Hz. 10 amp 250 volt A.C. 50 / 60 Hz.
 2 H.P. 250 volt A.C. 50 / 60 Hz. 10 amp 277 volt A.C. 50 / 60 Hz.
 20 amp 125 volt A.C. 50 / 60 Hz. 7 amp 125 volt A.C. tungsten

Operating Ambient Temperature Range - 40 degrees F (4 degrees C) to 120 degrees F (49 degrees C).

Shipping Weight - 1/2 lb. (.23 kg).

CAUTION- Do not use this timer in precision timing applications where inaccurate timing could have dangerous consequences (i.e. sunlamp, sauna, etc.).



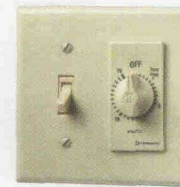
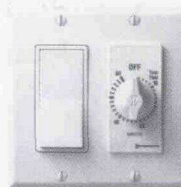
Now Available in 2 hour and 4 hour Single Pole Single Throw.

To order separate components use the chart below for reference. Example shown for 5 minute timer with out hold.

	Suffix	Example
Mechanism only*	10	FF5M10
Time dial only	P	FF5MP
Ivory Decorator time dial only	P	FD5MP
White Decorator time dial only	PW	FD5MPW
Almond Decorator time dial only	PA	FD15MPA

* Mechanism only models available for "FF" Series only and are shipped with black knob.

Commercial (FF) Series Knobs		Decorator (FD) Series Knobs	
Color	Part No.	Color	Part No.
Stonedust White	146MT415A	Ivory	146MT492A
Black	146MT417A	White	146MT494A
		Almond	146MT563A



For standard or decorator switch or combination switch / receptacle applications. Wall switch plates shown not included with timer.

Decorator Timers

Time Cycle	without hold	with hold	Almond without hold only
SPST			
5 minute	FD5M	FD5MH	FD5MAC
15 minute	FD15M	FD15MH	FD15MAC
30 minute	FD30M	FD30MH	FD30MAC
60 minute	FD60M	FD60MH	FD60MAC
2 hour	FD2H	-	-
4 hour	FD4H	-	-
6 hour	FD6H	FD6HH	FD6HAC
12 hour	FD12H	FD12HH	FD12HAC
SPDT			
Can be used as a normally closed for 3-way or "Reverse Action" applications.			
2 hour	FD32H	FD32HH	-
4 hour	FD34H	FD34HH	-
6 hour	FD36H	FD36HH	-
12 hour	FD312H	FD312HH	-
DPST			
15 minute	FD415M	-	-
30 minute	FD430M	-	-
60 minute	FD460M	-	-
6 hour	FD46H	FD46HH	-
12 hour	FD412H	FD412HH	-

Decorator (FD) timers shipped with timer, color coordinated time dial and knob.

* To order White Decorator Timers simply add "W" suffix to Ivory Decorator Timer model numbers above.

Commercial Timers

Time Cycle	without hold	with hold
SPST		
5 minute	FF5M	FF5MH
15 minute	FF15M	FF15MH
30 minute	FF30M	FF30MH
60 minute	FF60M	FF60MH
2 hour	FF2H	-
4 hour	FF4H	-
6 hour	FF6H	FF6HH
12 hour	FF12H	FF12HH
SPDT		
Can be used as a normally closed for 3-way or "Reverse Action" applications.		
15 minute	FF315M	-
30 minute	FF330M	-
60 minute	FF360M	-
2 hour	FF32H	FF32HH
4 hour	FF34H	FF34HH
6 hour	FF36H	FF36HH
12 hour	FF312H	FF312HH
DPST		
15 minute	FF415M	-
30 minute	FF430M	-
60 minute	FF460M	-
6 hour	FF46H	FF46HH
12 hour	FF412H	FF412HH

Commercial (FF) timers shipped with timer brushed aluminum time dial and white knob.

Weatherproof Covers
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