

PFP SERIES POOL FREEZE PROTECTION SWIMMING POOL TIME SWITCHES



APPLICATIONS



- Pumps
- Swimming pools
- Fountains
- Ponds

FEATURES

FREEZE PROTECTION ONLY: Sensor turns on load when outdoor air temperature drops to user settable level between 33°F to 42°F. Moving water prevents costly freeze damage.

TIMERS WITH FREEZE PROTECTION: Control loads with mechanical or digital timer with regular on and off schedule. Built-in temperature sensor forces load on if outdoor air temperature drops to user settable level between 33°F to 42°F.

COMBINATION PANEL

Combination of timers, freeze protection, breaker base, and device mountings.
PP-20R: 20 amp load center 120-240V, 1/2 circuit breaker base.
PP-100R: 100 amp load center 120-240V, 5/8 circuit breaker base.

BEAKERS: Listed for Cutler Hammer (BR), GE (THQL), Murray/Siemens (MP) and Square D (HOM) (not included).

WHILE-IN-USE COMPARTMENT: Inside mounting for two devices with cord exit.

DEVICE MOUNTING: Provision for mounting one or two devices in any combination accepts toggle, GFCI, X-10 and UPB type devices.

ORDERING INFO

CATALOG NO.	UPC CODE	CONTROL	CONTROL INPUT	NOTES
❄️ PFP2	94035	PFP2-M	240VAC	Freeze protection only
❄️ PFP3	94036	PFP3-M	120/240 w/neutral	Freeze protection only
❄️ PFP1102	94037	PFP1102-M	240VAC	Freeze protection with timer
❄️ PFP1103	94038	PFP1103-M	120/240 w/neutral	Freeze protection with timer
❄️ PFPEW1102	94039	PFPEW1102-M	240VAC	Freeze protection with Digital timer
❄️ PFPEW1103	94040	PFPEW1103-M	120/240 w/neutral	Freeze protection with Digital timer
❄️ PP-20R-F2	94033	PFP1102-M	240VAC	Freeze protection with timer
❄️ PP-100R-F2F4FM	94034	PFP1102-M & P1104FM-M	240VAC	Timer 2 includes Fireman Switch
❄️ PFPT	94028		120/240VAC	Thermostat accessory

NOTE: "❄️" = Indicates Freeze Protection.

1100 SERIES SAME ON/OFF TIMES EACH DAY SWIMMING POOL TIME SWITCHES



APPLICATIONS



- Pool pumps
- Heaters
- Lighting

FEATURES

SCHEDULING: Minimum ON setting is 20 minutes with a minimum OFF setting of 75 minutes. Dial accommodates up to 12 pairs of trippers. One pair included.

MANUAL OVERRIDE: Until the next regularly scheduled ON or OFF automatic operation then resumes.

ORDERING INFO

CATALOG NO.	UPC CODE	INPUT SUPPLY (VAC) 60Hz	OUTPUT CONTACTS	ENCLOSURE TYPE
1101	10011	120	SPST	Metal Indoor NEMA 1
1101-M-IAP	10052	120	SPST	Mechanism and mounting plate
1104	10014	208-277	DPST	Metal Indoor NEMA 1
1104-N	10042	208-277	DPST	Noryl® Indoor/Outdoor NEMA 3R
1104-O	10017	208-277	DPST	Metal Indoor/Outdoor NEMA 3
1104-M-IAP	10051	240	DPST	Mechanism and mounting plate
1101FM-N	10043	120	SPST	Noryl® Indoor/Outdoor NEMA 3R with fireman switch
1104FM-N	10044	208-277	DPST	Noryl® Indoor/Outdoor NEMA 3R with fireman switch
1101FM-M	10043	120	SPST	Mechanism with fireman switch
1104FM-M	10044	208-277	DPST	Mechanism with fireman switch
1101D	10028	120	Two 1101 SPST each	Metal Indoor/Outdoor NEMA 3R
1104D	10029	208-277	Two 1104 DPST each	Metal Indoor/Outdoor NEMA 3R
1104DF	10032	208-277	One 1104 One 1104FM	Metal Indoor/Outdoor NEMA 3R
Replacement Trippers				Order #P47 for a pair of ON/OFF trippers Order #PF48 for a pair of ON/OFF trippers for 1100FM series
Replacement Motor				#101 (120V) & #201 (208-277V)

SPECIFICATIONS

INPUT VOLTAGE: 120 or 208-277VAC, 60Hz (varies by model).

TIMING ACCURACY: Line frequency.

TERMINAL RANGE: #8 - #14AWG.

OPERATING TEMPERATURE: -40° to 165°F (-40° to +74°C).

POWER CONSUMPTION: 3 watt max.

ENCLOSURE: Lockable hasp. Type varies by model. See page 153 for dimensions and additional enclosure information.

CONTACT RATINGS

TYPE	VOLTAGE	CONTACT RATING
General Purpose	120-277VAC single phase	40A
Resistive	120-277VAC single phase	40A
Tungsten	120VAC	40A
Inductive	120, 277VAC single phase	20A
Pilot Duty	120-277VAC	1000VA
Motor	120VAC 240VAC	2HP 5HP