

SINGLE-PHASE PUMP PROTECTION



PUMPTEC

For 2- & 3-wire single-phase motors, 0.37 to 1.1 kW.

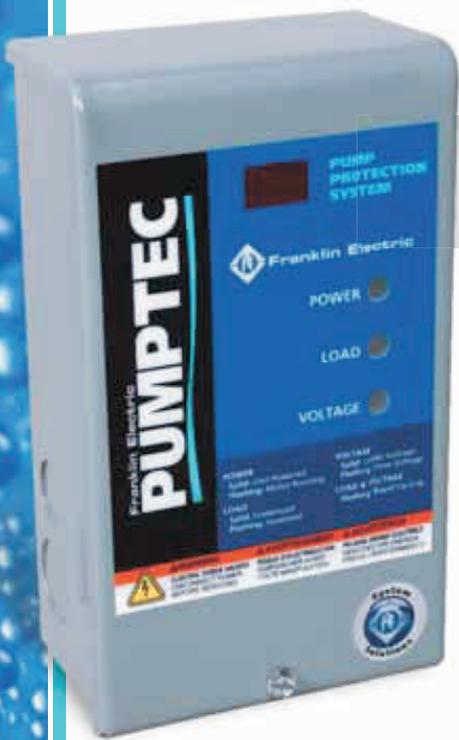
Pumptec is a microcomputer-based pump protection device. It monitors motor load and power line conditions to provide protection against dry well conditions, waterlogged tanks, and abnormal line voltage conditions. Pumptec interrupts power to the motor whenever the load drops quickly or below a preset level. Indicator lights on the cover provide complete system status.

Additional features:

- Easily Adjustable Sensitivity Settings
- Run and Fault Indicator Lights
- Heavy Duty Relay
- Alarm Circuit Contacts
- Remote Control Option
- UL/CSA Listed/CSIPR14

Remote Communication

Pumptec also features an option for remote communication. With software available from Franklin Electric, a Pocket PC or Palm OS device with an infrared port can be used to remotely monitor and adjust Pumptec settings. Access to a fault history makes diagnosis of system problems quick and easy.



PUMPTEC-PLUS

For installations up to 3.7 kW.

The Pumptec-Plus solid state pump protection system is designed for 0.37 to 3.7 kW single-phase submersible pump motors. Pumptec-Plus protects against a variety of fault conditions. Run and fault lights on the cover make diagnosis quick and easy. Push button Snap Shot™ calibration makes Pumptec-Plus simple to install and an effective troubleshooting tool.

Additional features:

- Push Button Calibration
- Run and Fault Indicator Lights
- Heavy Duty (30A) Contactor
- Works with PSC, Split-phase CSCR and CSIR motors
- UL/CSA Listed/CSIPR14



PUMP PROTECTION

AT ITS BEST

The facts are clear and so are the choices. Franklin Electric's Pumptec family provides the high performance pump protection you need deep down in the well. Designed to monitor motor load and supply voltage and to shut down the pump to prevent damage, Pumptec family products protect your water system investment.

Pumptec and Pumptec-Plus are the only single-phase load monitoring devices designed specifically for Franklin single-phase motors. They cover a broad range of ratings and fault conditions:

| | PUMPTEC | PUMPTEC-PLUS |
|-------------------------------------|---------|--------------|
| Air or Gas Locked Pump (Cavitation) | ● | ● |
| Broken Shaft or Coupling | ● | ● |
| Clogged Well Screen | ● | ● |
| Drop in Water Level | ● | ● |
| Faulty Check Valve | ● | ● |
| High Voltage | ● | ● |
| Low Voltage | ● | ● |
| Low Yield Wells | ● | ● |
| Rapid Cycling | ● | ● |
| Water Logged Tank | ● | ● |
| Worn Pump Parts | ● | ● |



Pumptec Family Specifications

| | PUMPTEC | PUMPTEC-PLUS |
|--------------------------------|---|--|
| Model Number | 5800020600 | 5800060502 |
| Rating | 0.37 to 1.1 kW | 0.37 to 3.7 kW |
| Voltage Rating | 115 V / 230 V | 50 Hz - 230 V |
| Frequency | 50 / 60 Hz | 50 Hz |
| Mounting Location | Indoor/Outdoor | Indoor/Outdoor |
| Indicator Lights | Yes - Load/Voltage/Status | Yes - Load/Voltage/Status |
| Remote (IR) Accessible | Yes | No |
| Response Time | 3 Seconds | 3 Seconds |
| Reset Time | Adjustable: 2 to 120 min. (240 w/remote) | Manual or Adjustable: 1 to 256 min. |
| Alarm Contact Rating | 1 Amp 115 V / 230 V | N/A |
| Under/Oversvoltage Time-out | 2 minutes | 2 minutes |
| Operating Temp Range | -15 °F to 130 °F | -15 °F to 140 °F |
| Sensitivity Adjustment | 40 to 90% SFL* | N/A |
| Oversvoltage Trip | +10%* | +10% |
| Undersvoltage Trip | -10%* | -10% |

* Adjustable with remote



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