



Pilot Lights

Mounted on the enclosure door, the pilot light indicates when power is on/off or when a motor is in operation. It can easily be seen from the front of the panel. Choose your color to fit your application.

Pilot Lights*			
Part #	NEMA Rated	Size	Lens Color
225552101	Yes	30 mm	Red
225552102	Yes	30 mm	Green
225552103	Yes	30 mm	Amber
225552104	Yes	30 mm	Clear

* Requires control transformer to provide 120V unless panel is rated for 120V.

Contacts

When adding control devices, auxiliary contacts may be required. These contacts mount on the side of the contactor and include one normally-open and one normally-closed auxiliary contact.

Part # 225552110



Padlock Attachment for H-O-A Switch

The padlock attachment allows the owner to lock the hand-off auto switch in the "on" or "off" position to prevent tampering with the pump panel.

Part # 225552105



Analog Style Elapsed Time Meter

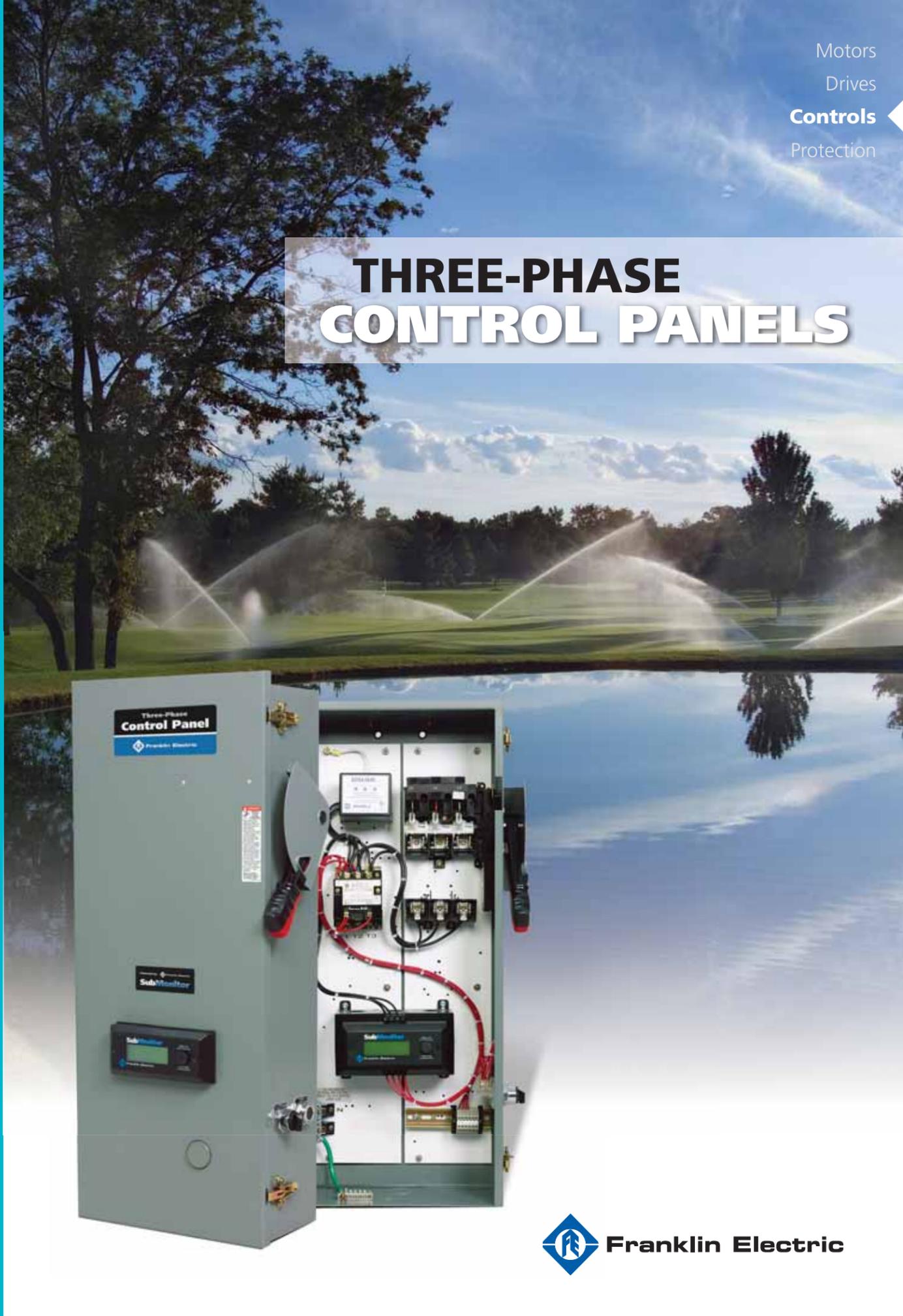
The elapsed time meter keeps track of the total running time of the motor in hours. It is ideal for applications which require routine maintenance.

Part # 225552171



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**THREE-PHASE
 CONTROL PANELS**



Franklin Electric

THREE-PHASE PANELS FOR SUBMERSIBLES

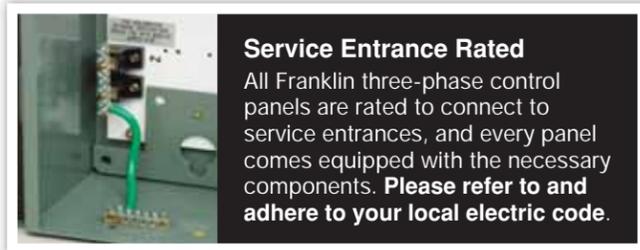
Designed Specifically for the Water Systems Industry

Franklin's heavy duty three-phase panels are optimized for water and irrigation applications. The spacious layout makes installation and maintenance simple and easy, so there's no need to spend time wrestling with wires, and adding components is easy. With a Franklin three-phase control panel, you can be sure that your system is set-up according to Franklin's recommendations.

Franklin Electric three-phase control panels are available from 3 to 200 hp, in ratings from 200 to 575 Volts.

Standard features:

- UL approved, heavy-duty NEMA 3R enclosure
- Class R fusible disconnect
- Service entrance rated
- Lightning arrestor
- Motor logic or Franklin SubMonitor protected
- NEMA contactor
- Door wind hinge
- Pilot device and alarm terminal block
- H-O-A switch
- Manual push-to-start switch
- Easy hook-up



Service Entrance Rated

All Franklin three-phase control panels are rated to connect to service entrances, and every panel comes equipped with the necessary components. **Please refer to and adhere to your local electric code.**



SubMonitor Option

There is simply no better way to provide ultimate protection to three-phase pumping systems than by adding a Franklin Electric state-of-the-art SubMonitor. SubMonitor is designed to protect three-phase pumps by monitoring current, voltage and motor temperature* using three integrated current transformers.

A face mounted digital real-time display (equipped with multiple languages) provides current and voltage readings for all three legs and allows the user to set up the SubMonitor quickly and easily. The detachable display unit can be mounted on the panel door as a factory option.

Premium SubMonitor packages come with an extended warranty.

*For motors equipped with a Subtrol sensor



Factory Modification Options

Equip your three-phase panel to get the most from your investment!

If you need added capability from your three-phase panel, consider Franklin's optional factory modifications to enhance and add value to your system.



Omega CN7500 Digital Reader for PT100 Sensor*

The Omega CN7500 digital reader displays the temperature from Franklin Electric's PT100. The PT100 is a precision platinum wire resistor that is optional in Franklin's six- and eight-inch motors as a temperature input for process control equipment. The CN7500 digitally displays the temperature and can be set for certain temperature ranges. It trips the panel contactor in an over-temperature condition and resets the contactor once the temperature returns to the desired level.

Part # 225552107

* Due to space limitations, only auxiliary contacts and/or padlock attachments are available for NEMA 1 and 2 panels when a PT100 is selected.

Control Circuit Transformers

Control circuit transformers convert the supply voltage required to power a piece of equipment to a voltage that is needed for various control circuits (pilot lights, selector switches, push buttons, etc.). The line voltage supplying the equipment is converted to control voltage by the transformer, eliminating the need to bring in a second source of power. (Note: Fuses are not supplied.)

Fused Control Circuit Transformers				
Part #	NEMA Size	Primary	Secondary	Volt Amps
225552131	1	240	120	100
225552141	1	480	120	100
225552132	2	240	120	100
225552142	2	480	120	100
225552133	3	240	120	150
225552143	3	480	120	150
225552134	4	240	120	300
225552144	4	480	120	300
225552135	5	240	120 [†]	50
225552145	5	480	120 [†]	50

Note: For additional voltages, please specify both primary and secondary voltages.

[†]Equipped with a NEMA rated AC control relay (open style) with two normally-open convertible instantaneous contacts (8501 XO20 Relay).

