

## pH Controller 1/16 DIN Dual Display with High/Low relay outputs

### Features:

- Microprocessor for reliable, accurate measurement and control of pH from 0 to 14.00pH
- High and low set point adjustments on front panel for two independent 3A SPDT relays for ON/OFF controls, or to activate alarms, valves pumps or other equipment
- Front panel LEDs indicate HIGH/LOW alarm status
- Bright dual displays of pH (red LEDs) and temperature (green LEDs)
- Compact 1/16 DIN size saves panel space — one quarter the space of a 1/4 DIN controller
- Automatic Temperature Compensation (ATC) provided using electrode assemblies with Pt-100 ohm sensors (see Self-Cleaning pH Electrode Kits)
- EEPROM memory protects settings in case of power loss
- Rear screw terminals for power, 2 sets of relays, Pt-100 ohm temperature input, and BNC connector for pH input. Includes panel mounting brackets
- Optional NEMA-4X gasketed lens cover fits over front bezel of controller — made of watertight corrosion resistant ABS plastic



Shown with NEMA-4X Cover

**Accessories: Self Cleaning pH Electrode Kits**  
(Includes electrode, cable and mounting assembly with ATC sensor)



### Specifications

Ranges	0 to 14.00 pH and 0 to 100°C
Dual Relay Outputs	3 Amp at 115 VAC
Temperature compensation	Automatic 0-100°C via Pt 100Ω for pH
Resolution (Accuracy)	0.01pH (0.01pH): 0.1°C (0.1°C)
Deadband	0.00 to 2.55 pH adjustable
Panel Cutout (1/16 DIN)	1.77x1.77" (45x45mm) Depth 4.7" (94mm)
Weight	5 oz. (142g)
Power	80 to 250VAC, 50/60Hz

### Ordering Information:

48PH .....pH Controller, 1/16 DIN  
404216 .....NEMA-4X Lens Cover, 1/16 DIN

### pH Electrodes:

Cable Length	Submersible	In Line/Bypass
ATC pH Kit 10' .....	67S10A .....	67B10A
ATC pH Kit 25' .....	67S25A .....	67B25A