

TUTCO
HEATING SOLUTIONS GROUP

WARNING
Arc Flash And Shock Hazard
Appropriate Personal Protection
Equipment Is Required, NFPA 70E
Risque de coup d'arc et de choc
Équipement de protection individuelle
approprié requis, NFPA 70E

PROCESS
TEMPERATURE
TEMPÉRATURE
DE PROCESS



START
HEATER PROCESS
DÉMARRER LE PROCESSUS
DE CHAUFFAGE



STOP
HEATER PROCESS
ARRÊTER LE PROCESSUS
DE CHAUFFAGE



OVERTEMP
ALARM/RESET
REINITIALISATION DE
L'ALARME DE SURCHAUFFE



Closed-Loop Control Panels



DANGER
480 VOLTS
LELC164VSP www.tarmam-custom.com

TUTCO HEATING SOLUTIONS
480VAC / 3PH / 480A / 60HZ
PART # CP-480-3PH-60
MAIN DISCONNECT 160AMP
SCCB 5KA
LARGEST MOTOR ILLA N/A
DRAWING CE-37213
ENCL TYPE: 1Z

The image shows the interior of a grey metal control cabinet. At the top, there is a grey terminal block with several colored wires (red, blue, green, yellow) connected. Below it, on the left, is a circuit breaker and a fuse block. In the center, there is a grey DIN rail with a terminal block and a green and yellow terminal block. On the right, there is a grey MCB (Miniature Circuit Breaker) with a rotary switch and a green 'off' indicator. Below the MCB, there is a blue terminal block with several wires connected. At the bottom, there is a grey terminal block with several wires connected. The cabinet is secured with four screws on the corners.

STANDARD AND CUSTOM SOLUTIONS

ILLUMINATED START/STOP BUTTON

EMERGENCY E-STOP BUTTON ON FRONT

ILLUMINATED OVER-TEMP ALARM BUTTON

STATE-OF-THE-ART TEMPERATURE CONTROLLER

WIRELESS CONNECTIVITY

UL CSA, UL508A, RoHS

A Line of Industrial Control Solutions from the Heating Experts

TUTCO's depth of expertise uniquely qualifies us to manufacture control panels for the heaters we produce, as reflected in our unwavering commitment to quality. Our engineers have leveraged the latest technology in heater controls and safety features to create a line of totally customizable controllers well-suited for industrial facilities and OEMs. Our controllers utilize power controllers, temperature controllers, and thermocouples to continuously monitor and maintain consistent output voltages to the heater.

Regardless of fluctuations in the process or changes in airflow, the temperature is continually monitored to meet process requirements and safeguard the heater. Each controller features wireless connectivity which allows the controller to communicate and retrieve data from a remote HMI or another external device, such as a data logger or webpage.





Control Panels for Every Industry and Application

TUTCO Control Panels were designed for easy implementation across a wide range of applications. Every detail, including operating environments, installation requirements, heating and electrical needs, sizing, and integration with existing control equipment, has been considered. Our Control Panels feature an illuminated start button, a stop button, an illuminated over-temp alarm button, and an e-stop button that provides local control from the front of the unit. The Ethernet port allows the system to report and remotely integrate into other popular industrial wireless solutions. The Temperature Controller is simple to implement and easy to operate.

Standard Products

Single Phase, 15-60 AMP, 24"X24"X10" Control Panel

Three Phase, 15-60 AMP, 24"X24"X10" Control Panel

Single Phase, 80-125 AMP, 36"X36"X12" Control Panel

Three Phase, 80-125 AMP, 36"X36"X12" Control Panel



Temperature Controller



Wireless Connectivity



Custom Control Panels Tailored to Your Application

Some processes require a more robust custom control panel to meet very specific application requirements. TUTCO produces custom panels meticulously designed to meet the requirements of unique applications. A custom panel ensures your heater and/or other electrical equipment provides safe, precise, and reliable heat tailored to the critical needs of specific applications. Our extensive expertise in process heat uniquely qualifies us to manufacture custom control panels for the heaters we produce. Every detail, including operating environments, installation requirements, heating and electrical needs, sizing, and integration with existing control equipment, are addressed to produce the ideal custom control panel.



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