



# Eurotherm®

## Accelerate Your Project Delivery

### Industrial Control Panel Featuring EPC3004 Programmable Controller



Designed to provide a complete control solution and delivered from stock to help meet short lead times, this industrial panel with Eurotherm EPC3004 controller is ideal for projects where a custom control panel has not been budgeted for and fast delivery is needed. Its standardized UL508A approved design satisfies a variety of machine control applications.

### Benefits

- Industry-leading Eurotherm single loop precision PID control with input measurement accuracy of 0.1% of reading at 50ms sample rate
- All I/O points are wired to an easily accessible industrial terminal strip
- Compact UL508A/cUL508A approved polycarbonate control panel, available in stainless steel upon request
- NEMA 4X enclosure, sealed for use in harsh environments and washdown applications
- Seamless building automation integration with native BACnet IP communication

### Key Features

- Two universal analog inputs for temperature, pressure, flow, calculated values, etc.
- Two 4-20mA outputs, two relay outputs, one digital input
- Modbus RTU, Modbus TCP IP and BACnet IP Ethernet communications
- Ability to control two valve positioners in 1/3 : 2/3 mode
- High visibility customizable three-color controller display with scrolling text message display and dedicated beacons for easy visualization of alarm status
- Front panel on/off power switch and two red alarm lights
- Pre-configured with a basic heating application using iTools configuration software. Simply enter setpoints and run the auto-tune function

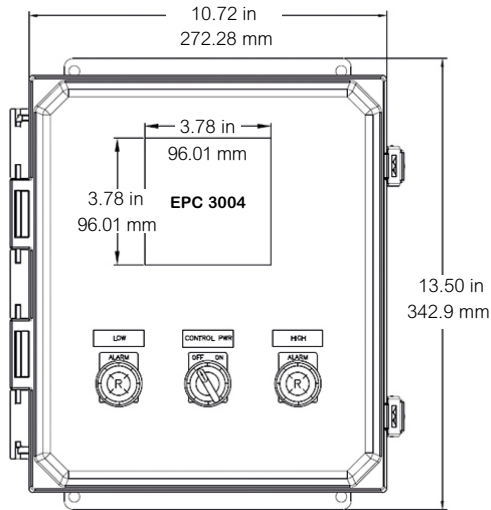
[eurotherm.com/epc3000](http://eurotherm.com/epc3000)

Life Is 

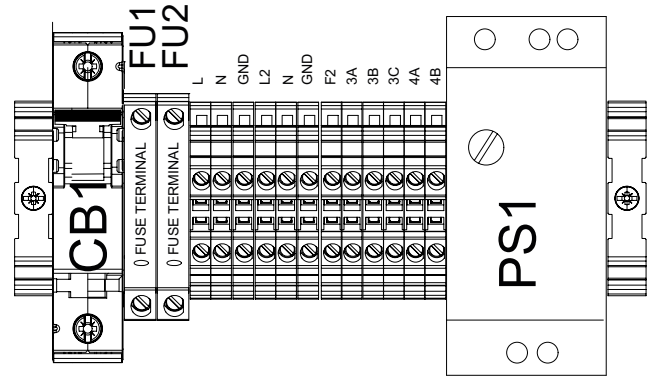
**Schneider**  
Electric

# Technical Details and Dimensions

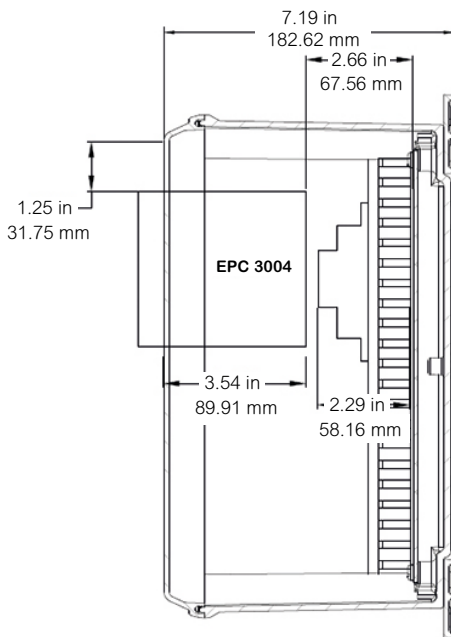
## Front Panel Dimensions and Layout



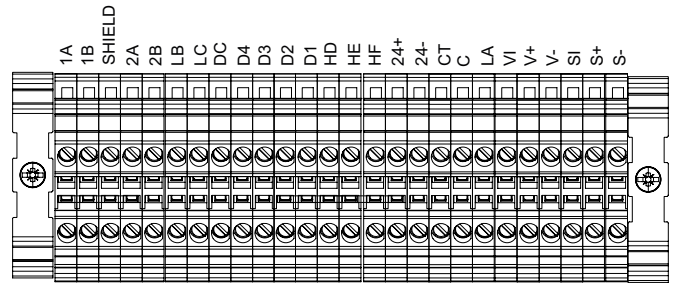
## AC Voltage and I/O Rail



## Side Panel Dimensions and Layout



## DC Voltage and I/O Rail



## Order Code

Control Panel	
EPC-PANEL-AP	Industrial control panel fitted with EPC3004 controller

*This Industrial Control Panel Solution is currently available as a stock item from our Eurotherm USA office only.*

[eurotherm.com/epc3000](http://eurotherm.com/epc3000)

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