

**Features:**

- A single product that manages up to 6 fleet vehicles simultaneously.
- Heavy NEMA 3r outdoor / indoor enclosure. [Fig 1]
- Field installed, either indoors or outdoors.
- Pad-Lock tab, allowing only authorized access to panel controls. [Fig 2]
- Pre- drilled rigid mounting bracket on both upper and lower ends of enclosure.
- Simple installation within existing electrical infrastructures or with new designs.



Figure 1

**Electrical Characteristics:**

- Customer provided fused disconnect. 240v AC @ 80 amps.
- Electrical inlet supply location is located on the upper left side of the enclosure, using a 3 inch threaded conduit hub.
- Output supply locations are found on the bottom, downward end of the enclosure. These can be either field punched per customer's requirements or they can be pre-punched at the time of manufacturing.
- 20 amp branch circuit breakers for each independent block heater feed circuit. 6 total branch circuits for MODEL-60. [Fig 6]
- Color coded, easy access DIN-Rail terminal blocks are provided for each 20 amp controlled output circuits. Green= Ground, White= Neutral, Orange= Controlled supply. [Fig 7]



Figure 2

**Typical Application:**

- Electrical control of engine block heaters. Bus Barns, municipal vehicles, commercial fleet vehicles. Plow and snow removal trucks.

**Operational Features:**

- CONTROL-max is supported by CONTROL-max software. This easy to use software suite allows the end user to program the hardware to specific fleet requirements.
- Sealed canteen type, USB-B interface connector to host computer for programming.
- 4 timers for every day of the week. Monday through Sunday. Independently program active timers. [Fig 3]
- Thermostatic control spanning 13 independent temperature zones. End user programs the desired operation. Always ON, always OFF or managed ON-OFF duty cycle in minutes for each of the 13 zones. [Fig 4]

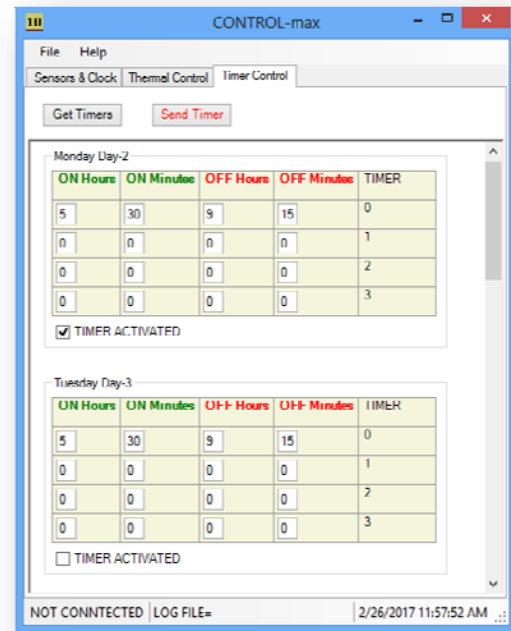


Figure 3

- The CONTROL-max uses period driven timers. In the event of power outages, the systems processor will regain full operation automatically after power is restored.
- Inexpensive type-K thermocouple is used for ambient temperature measurements. This allows the CONTROL-max to be located indoors if desired.
- Each 20 amp branch circuits are independently controlled. When a command to turn on or turn off is invoked, the system will progressively do so. 1 second delays are sequentially spaced between each output. This eliminates supply power fluctuations from the sudden inrush current demand.

**Performance:**

- Design and development have derived from success with our current individual block heater controller product, CONTROL-X2.

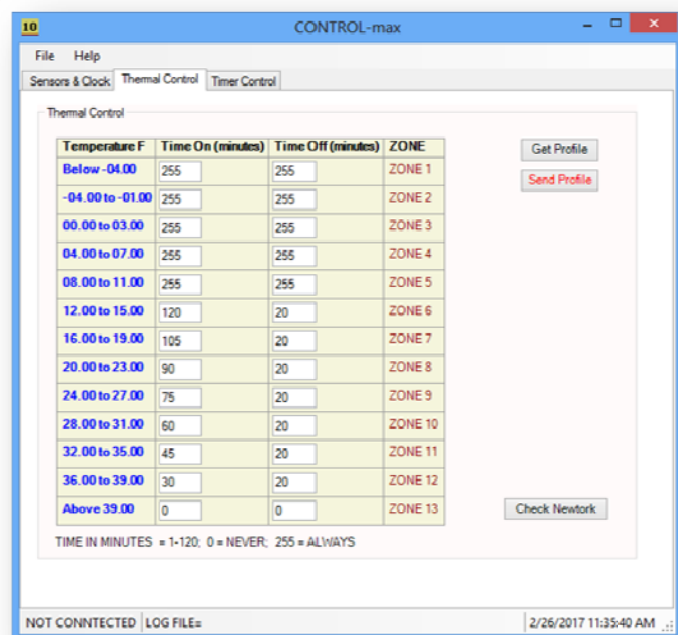


Figure 4

The CONTROL-X2 has been the top contender since 2006.

- It's our aim to provide the best quality product available.
- The CONTROL-max is a total solution for fleet engine block heater management. Saving companies money on wasted energy.

**Service and Reliability:**

- The CONTROL-max series is backed by a full 5 year warrantee. In the event of failure, ELEproducts.com will issue immediate action for replacement parts and or components.
- Modularized design allows for simple component level replacement within minutes.

**Sales:**

- If you would like further information about the CONTROL-max series of electronic engine block heater management systems, please contact ELEproducts.com. If you need further technical information or application guidance. Please contact us. We will be happy to provide quotation and support for your application.

**Contact:**

ELEproducts.com  
 Phone: 304-445-2718  
 email: sales@eleproducts.com  
 ELEproducts.com, owned by Manufacturing Industries, Inc.

152 Rhododendron Drive  
 PO Box 612  
 Alderson, WV 24910

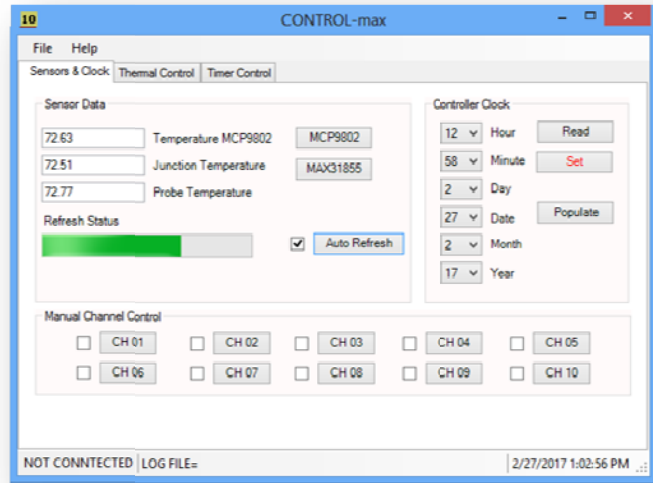


Figure 5



Figure 6

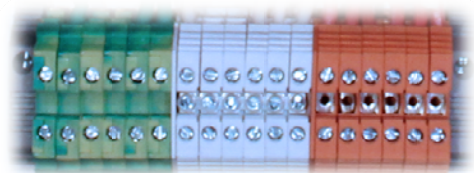


Figure 7

**NOTES:**