

MCT Series 4,8 and 12 Product Multi-Channel Timer Controls

Single-Parameter Controls



WHY BUY THIS PRODUCT

Cost effective appliance design for manufacture

- Reduces labor at assembly by removing point-to-point wiring
- Design flexibility of one basic model expandable from 4, 8 or 12 products/times reduces SKU inventory size and costs
- Tab selectable voltage—stock fewer SKUs

Reduced customer support costs

- Electronic precision and durability eliminates need for recalibration
- Optional power supply supports US and International voltages and reduces inventory and support needs

Additional Value Provided to Your Foodservice Customers

- Large, easy-to-read display viewable "Across-the-Kitchen"
- Stored recipe capability allows easier operation than 'mechanical' timers
- More durable with lower total 'cost of ownership' than battery-operated timers

Innovatively Differentiate Your Products from the Competition

- Unique on-appliance installation eliminates the need for your customer to purchase an additional timer

Product Features

- One program time per key with 4, 8 or 12 simultaneous channels
- Simple to program by pressing program key and then selecting a product key
- One-button easy operation enhances operator effectiveness and reduces errors
- Status indicator ranks products by the amount of cycle time remaining
- Large LED displays Hrs/Min or Min/Sec format
- RoHS compliance reduces hazardous substances and meets all domestic and international standards

Reliable and precise microprocessor-based value priced timer board with 4, 8, or 12 independent timing cycle keys.

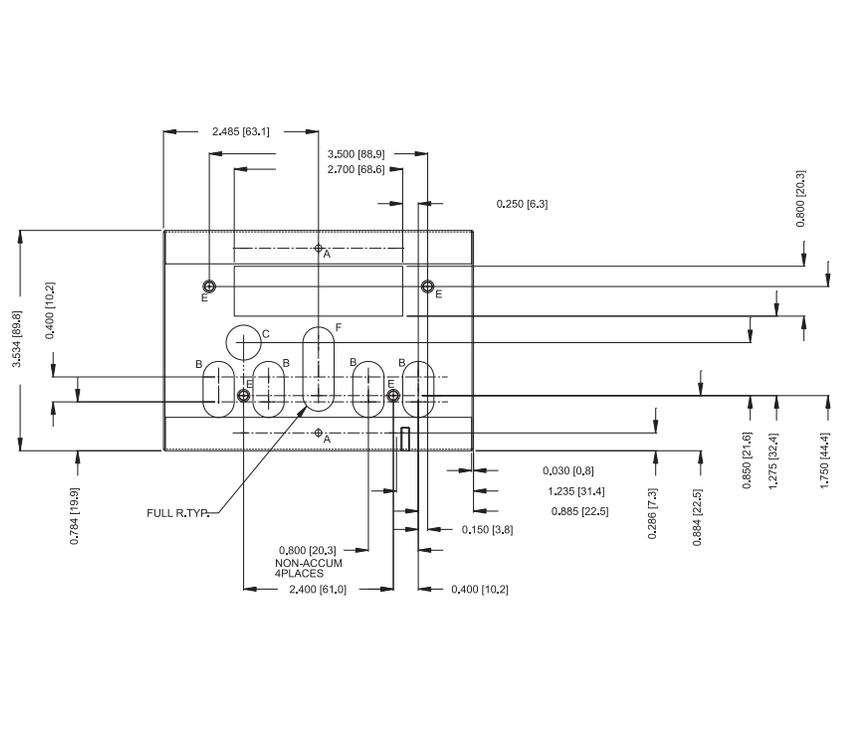
Popular Appliance Applications

- Ovens
- Fryers
- Holding Cabinets
- Proofers
- Grills & Griddles
- Rethermalizers
- Toasters
- Plus Other Applications

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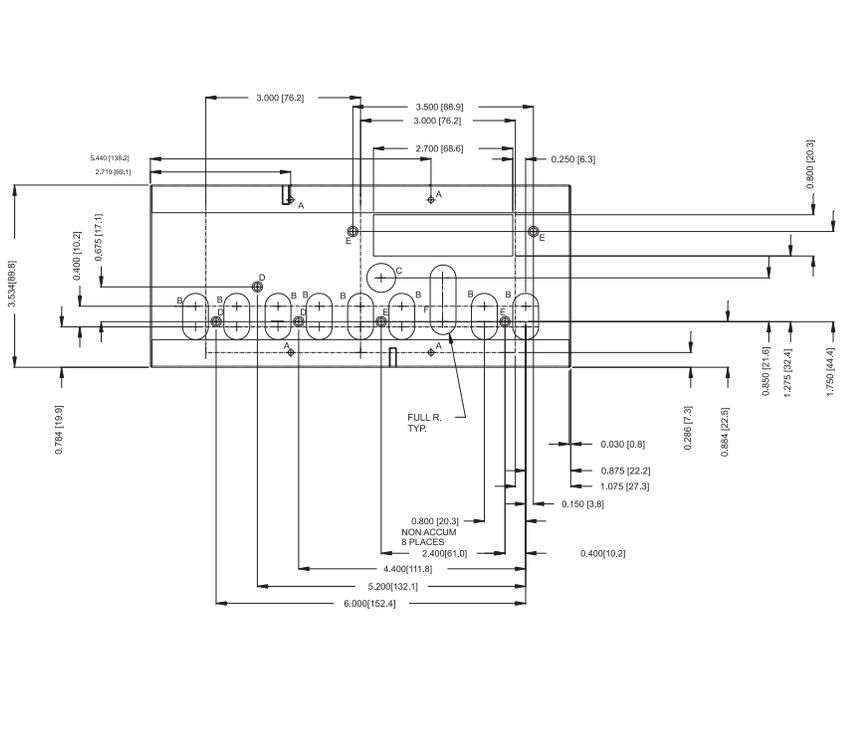
Single-Parameter Controls

4-CHANNEL FOOTPRINT (RECOMMENDED SHEET METAL CUTOUT)



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

8-CHANNEL FOOTPRINT (RECOMMENDED SHEET METAL CUTOUT)



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

SPECIFICATIONS

- Input Voltage: 120 or 240VAC
+/- 10%, 50/60 HZ, 0.250 inch tab selectable
- Power Consumption: 2.4VA
- Audible Output Devices: Piezo - 95db at 5 Feet (1.51 meters)
NOTE: All Keys Rated for 10 million cycles
- LED's life rating: 50,000 Hours
- User Interface (Base Unit)
 - (4) - 7 Segment Red LED displays
 - (4) Red Product LED's
 - (1) Scan Key
 - (4) Product Keys
- Programming Keys: (3) Program, Up Arrow, Down Arrow
- Daughter Boards: (2) Max can be used
 - (4) Product Led's
 - (4) Product Keys
- Display Range Time: 0 to 99 Hours
- Time Display: HH:MIN to MIN:SEC
- Noise Spike Protection: 4000 Volt Minimum (on timers and all properly installed controls)
- Environmental Operating Conditions: Ambient 158°F/70°C, 95% non-condensing humidity

SHIPPING WEIGHT

- Approx. .5 lb. (0.22 Kg)

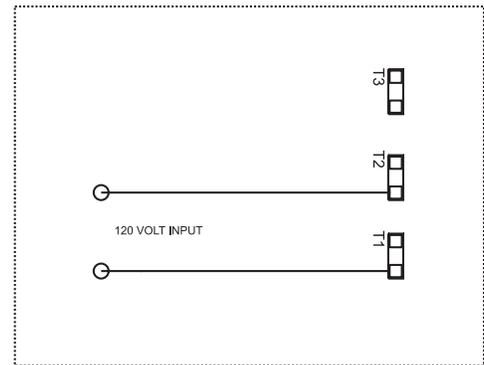
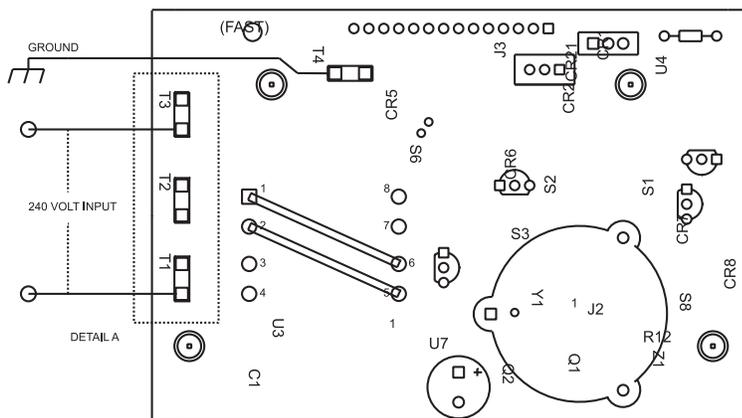
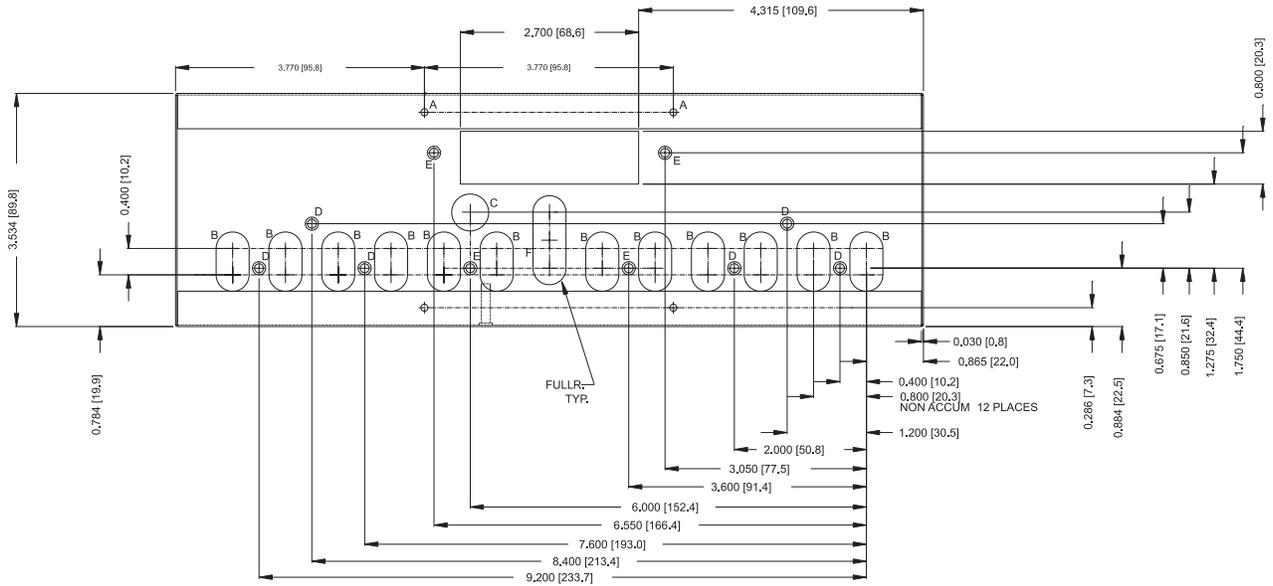
ORDER INFO

Part Number	Description	Case Qty
216-70068-01	4-Channel main board assembly (Master)	16
216-70052-01	4-Channel timer board (Add-on)	16

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12-CHANNEL FOOTPRINT (RECOMMENDED SHEET METAL CUTOUT)



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Want to learn more about Kitchen Brains™ products?

Visit our website to learn about additional controls for our appliance partners:
www.KitchenBrains.com



229-51116



KITCHEN BRAINS

Driven by **(FAST)™** Networked by **SCK**

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WARRANTY

Kitchen Brains warrants all new timers, computers, and controllers for 1 year from the date of purchase including computers, controllers, and timers. Kitchen Brains warrants all other items for a period of 90 days unless otherwise stated at the time of purchase.

PATENTS

The products manufactured by Kitchen Brains are protected under one or more of the following U.S. Patents:

5,331,575	5,539,671	5,711,606	5,723,846
5,726,424	5,875,430	6,142,666	6,339,930
6,401,467	6,581,391	7,015,433	7,650,833
7,877,291	8,060,408		

Plus foreign patents and patents pending. Plus licensed patent 5,973,297

Family Applications

Air Boilers	Bain Marie	Beverage Dispensing
Broilers	Buffets	Cheese Melters
Coffee Dispensing	Dishwashers	Drawer Warmers
Freezers	Fryers	Grills/Griddles
Holding Cabinets	Ice Machines	Jacketed Steam Kettles
Laundry Equipment	Marinators	Ovens (Combi, Micro...)
Pasta Cookers	Product Mixers	Proofers
Refrigerators	Rethermalizers	Smokers
Steam Tables	Toasters	...and Others

What They Do: Improve food quality by eliminating 'cook-by-eye' inconsistencies and inaccurate temperatures for safety levels that meet HACCP guidelines. **TIMERS:** Accurately track time with simple, easy-to-use, recipe storing timers. **TEMPERATURE CONTROLS:** Accurately set and maintain appliance temperature in a repeatable setpoint with minimum overshoot and no calibration required.

Position Within Kitchen Brains™ Product Line: Entry-level Price/Performance Solutions.

Feature Highlights:

TIMERS:

- Single or dedicated display(s) per product key for annunciating product names and alarm commands
- Easily programmable with hours/minutes or minutes/seconds formatting
- Versatile count down and beep tone action alarms and batching for food quality consistency
- Compact design for installation flexibility with simple operation and hookup
- Real-time maintenance alarms e.g. clean grill, add water for steam table or holding cabinet

TEMPERATURE CONTROLS:

- Solid state electronic precision and repeatability eliminates the need for calibration
- Compact design for installation flexibility with simple operation and hookup
- Self-diagnostics with failure LEDs enhance field support
- On/off control, proportioning control, melt cycle, duty cycle, temperature offset
- Optional two stage cooking such as "Cook and Hold", or "Rethermalize and Hold" cabinet