Hybrid Micro Controller Module

HMC-10-4

SINGLE WIRE COMMUNICATION

HYBRID

WINDOWS PROGRAMMING

Introducing Renau's all-new Single Wire Communication Network- Compatible HMC-10-4 Hybrid Micro Controller Module, our smallest, most powerful process controller yet! With our custom-tailored controller, anything you can imagine, we can control. Specifically designed for the foodservice industry, Renau's HMC-10-4 Hybrid Micro Controller Module combines with any of our interface devices to easily adapt to any situation your kitchen equipment, refrigeration, or foodservice application requires.

With a compact, durable design, the HMC-10-4 replaces conventional multi--part controllers with a single microprocessor-based control that significantly increases reliability and product life while reducing the end-user's labor, maintenance, and inventory costs.

Using Renau's Single Wire Communication Network, the HMC-10-4 connects to any of Renau's compact, intuitive user-interface displays to power even the most intensive and demanding applications. Operators and customers see a sleek, elegant display that can be mounted anywhere on the appliance, from door panels and edges to frames and more, eliminating expensive, complicated harnesses while keeping the HMC-10-4 out of sight within the controlled equipment.

Energy efficiency comes from the unique design and custom programming of the HMC-10-4. With extremely accurate controls for digital temperature, water level, water flow, timers, and processes integrated right inside, the HMC-10-4 is a powerful controller that keeps energy costs low.

Despite its small size, built-in fault detection quickly and clearly identifies the cause of the error, cutting down on both valuable troubleshooting time and food waste. If a possible problem is detected, fully-customizable warning lights on the display interface alert operators to any errors or potential problems

Easily upgradeable and fully reprogrammable, the HMC-10-4 allows recipe menus and system configurations to be quickly updated through the mediation of Renau's Universal Host Adaptor (UHA) and custom Windows-based software. The Windows software allows for the creation of custom recipe menus, warning alarms, and system configurations that can be stored on an authorized user's hard drive for future use and reference or, for larger organizations, e-mailed to a remote colleague. When it comes time to update the system, simply save the desired file onto a USB flash drive and reprogram the HMC-10-4 with the use of a Renau UHA Series Adaptor.

Designed with the foodservice industry's harsh environments specifically in mind, the HMC-10-4 is fully encapsulated for outstanding protection from extreme temperatures, humidity, and shock. Designed and manufactured in the USA, all Renau products are rigorously tested and come with an extended three year warranty.

Dimensions:

- 3.74"W x 2.897"H x 1.645"D

Features:

- 4 x 16A 250V Hybrid Relays
- 3 Temperature Sensor Inputs
- User-programmable using windows software with Renau's UHA Universal Host Adapter Series
- Logic Auxiliary Input/Output
- 120VAC Input
- Operating Temperature: 0-80°C (32-176°F)

Warranty:

- Every Renau product is thoroughly tested at numerous stages of production and comes with an extended three (3) year warranty.

Benefits:

- Durable and reliable
- Simple, inexpensive installation
- Eliminates expensive, complicated wiring harnesses
- Compatible with any Renau Single Wire Communication interface
- Fully-encapsulated for maximum protection in harsh environments
- Low power consumption
- Easily upgradeable and scaleable

Accessories:

- UHA-7, UBP-5

Wide range of applications:

- Ideal for commercial foodservice equipment such as ovens, food warming/holding cabinets, fryers, refrigeration equipment, steamers, industrial machines, and more.

We do more than design. We invent.

RENAU

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