# RCC SERIES

## Simple Needs, Intuitive Design

Provides original equipment manufacturers (OEMs), integrators, and automation end-users with flexible, functional I/O and simple all-in-one controller options without a built-in screen.

## Agriculture

▌ Increase overall productivity
▌ Reduce energy consumption

## Building Automation

▌ Improve occupant comfort
▌ Economical operation systems

## Material Handling

▌ Minimize HMI inefficiencies
▌ Track/log/catalog data

## Oil and Gas

▌ Maximize capacity utilization
▌ Maintain emission standards

## Renewable Energy

▌ Data logging, remote access
▌ Sunlight and UV protection

## Water/Wastewater

▌ Operate chlorination systems
▌ Station pump control

## Flexibility Meets Functionality

The RCC series is smart enough to perfectly complement our OCS family and ideal for applications where a screenless controller is the best fit. RCC controllers also pair well with the remote capabilities of the Horner webOCS line of products.

The RCC controllers are equipped with a range of digital and analog inputs and outputs - providing users with superior I/O options for both Discrete and Process Applications.

Additionally, most RCCs contain RS-232 & RS-485, CAN and 10/100 Ethernet - which provides you with serial connectivity, I/O expansion, Ethernet communications and advanced functions such as e-mail and web serving.

## Programming, Data Logging and Alerts

Use the RCC's built-in serial and Ethernet ports for Cscape programming. Utilize Horner's user-friendly, ladder-logic based PLC software, our IEC 6-1131 options, and application defined communications.

Data logging, application updates and advanced recipe handling are made easy via the built-in removable microSD™ memory card. Log process based on individual events or specific times; everything is completely customizable - create virtual black box functionality for your machine.

## Versatility Meets Precision – Horner webOCS

Register RCC controllers with Horner webOCS products to monitor and control plant data from the palm of your hand. Published directly from the OCS Controller, the webOCS line allows the same or unique web pages to be monitored and controlled from your computer, tablet or other mobile device.

Developed completely within our Cscape environment, webOCS allows for state-of-the-art HTML5 development without the need for web programming skills.

## RCC972

| | |
|---|---|
| Ladder Logic Memory | 128KB |
| Logic Scan Rate | 0.04 mS/K |
| Ethernet Support | Standard |
| Local Comment Storage | Yes |
| Built-in I/O Points | 24 |
| Digital I/O Max | 2048 / 2048 |
| Analog I/O Max | 512 / 512 |

| | |
|---|---|
| Serial Ports | 1 |
| Remote Access | WebMI, HTTP or EnvisionRV |
| USB Ports (A & Mini-B) | No |
| Integrated CsCan Network | Standard |
| Height (inches/mm) | 4.370" / 111 mm |
| Width (inches/mm) | 4.567" / 116 mm |
| Depth (inches/mm) | 1.411" / 35.84 mm |
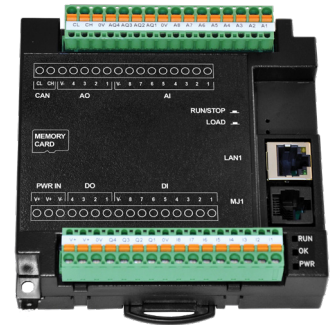


## RCC1410

| | |
|---|---|
| Ladder Logic Memory | 1024KB |
| Logic Scan Rate | 0.04 mS/K |
| Ethernet Support | Standard |
| Local Comment Storage | Yes |
| Built-in I/O Points | 24 |
| Digital I/O Max | 2048 / 2048 |
| Analog I/O Max | 512 / 512 |

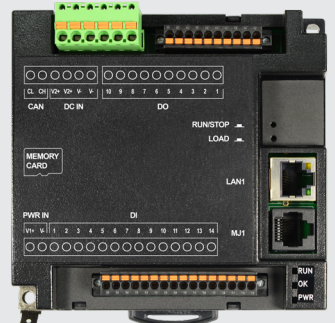| | |
|---|---|
| Serial Ports | 2 |
| Remote Access | WebMI, HTTP or EnvisionRV |
| USB Ports (A & Mini-B) | No |
| Integrated CsCan Network | Standard |
| Height (inches/mm) | 4.370" / 111 mm |
| Width (inches/mm) | 4.567" / 116 mm |
| Depth (inches/mm) | 1.411" / 35.84 mm |

*Only -75 option is currently available*



## RCC8842

| | |
|---|---|
| Ladder Logic Memory | 1024KB |
| Logic Scan Rate | 0.04 mS/K |
| Ethernet Support | Standard |
| Local Comment Storage | Yes |
| Built-in I/O Points | 22 |
| Digital I/O Max | 2048 / 2048 |
| Analog I/O Max | 512 / 512 |

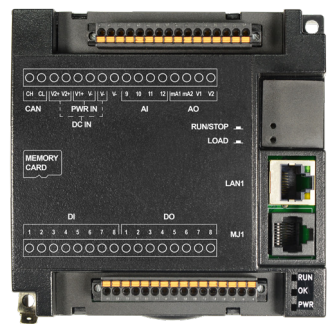| | |
|---|---|
| Serial Ports | 2 |
| Remote Access | WebMI, HTTP or EnvisionRV |
| USB Ports (A & Mini-B) | No |
| Integrated CsCan Network | Standard |
| Height (inches/mm) | 4.370" / 111 mm |
| Width (inches/mm) | 4.567" / 116 mm |
| Depth (inches/mm) | 1.411" / 35.84 mm |

*Only -75 option is currently available*

## RCC BACK



| RCC | Real Time Clock | DC In 12/24 VAC | DC Out 24 VDC | Analog In 0-20mA | Analog Out 0-20mA | Gen. Purpose Registers (words) | Gen. Purpose Internal Coils (bits) |
|---|---|---|---|---|---|---|---|
| 972 | no | 8 | 4 | 8 | 4 | 4096 | 2048 (1024 retentive) |
| 8842 | yes | 8 | 8 | 4 | 2 | 49999 | 32768 (16384 retentive) |
| 1410 | yes | 14 | 10 | – | – | | |

Please visit our website for a complete listing and to learn more about certified Horner Automation products.

HA-192R6