



Information For CC - 3000 Controller

Features:

- Intel 64 Bit 2-Core 1.6GHz Processor
- 2-Rs232/485 Port (Standard), Expandable to 4
- Standard 10/100/1000 Mb/s Ethernet Port
- Modbus RTU Master/Slave Communications
- Chase Controls DLP Protocol Communications
- Windows OPC Data Communications
- Expands IO by connecting RIO Modules
- Field Programmable Logic via Industry Standard IEC -61131-3 ISaGRAF V5.2
- Applications Configurable via User-Friendly GUI
- Integrated Hardware Watchdog Timer
- Windows Embedded Industrial OS



Description:

PLC's provide a great solution for many applications, but when your application goes beyond straight-forward ladder logic controlling simple I/O, Chase Controls CC-3000 Industrial controller is the smarter way to go. The CC-3000 is a controller with high performance Intel Dual Core CPU. Built-in Windows Embedded operating system makes the CC-3000 a ready application platform to shorten development time. Connecting with Chase Controls Remote IO I/O modules, the CC-3000 can become a complete control system.

The CC-3000 utilizes ISaGRAF the industry standard IEC6113-3 automation software. ISaGRAF provides a user-friendly, flexible environment for developing, debugging and downloading CC-3000 controller logic code; and provides local and remote access to your process by utilizing Intranet and Internet technologies. The IEC 61131-3 software package includes the five main languages: Sequential Function Chart (SFC), Instruction List (IL), Ladder Diagram (LD), Function Block Diagram (FBD), and Structured Text (ST). In addition to these languages a sixth, called Flow Chart (FC) is included. This sixth language is graphics-based and used to describe sequential operations in an application.

Specifications

Controller

Processor CPU Intel 64 Bit dual-core microcontroller, integrated watchdog timer

Memory 2 GB SRAM Standard, 16 GB SRAM Maximum

Non Volatile RAM 32 GB Sold State SATA Storage Drive

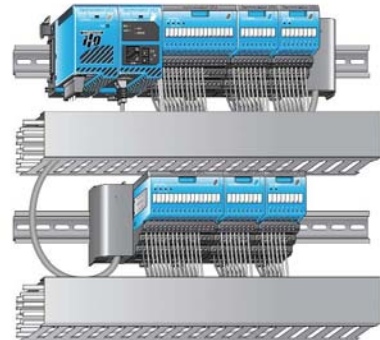
I/O

Digital IN Limited By Protocol Only

Digital OUT Limited By Protocol Only

Analog IN Limited By Protocol Only

Analog OUT Limited By Protocol Only

**Communications**

Integrated Ports 2—RS232/485 Serial, 5-USB, Analog VGA, 2 SATA, 10/100/1000 Mbs TCP/IP

Baud Rate Selectable 300-230,000 baud

Serial Protocols Modbus RTU (Master / Slave), Chase DSL, DNP, AB DF-1, others on request

Ethernet Protocols Modbus TCP/IP, AB TCP/ IP, DNP, Chase DSL, others on request

General

Terminals Removable Terminal Blocks, 16-22AWG, 15Amp Contacts

Dimensions 7.5 in wide X 8.25 in high X 2.50 in deep

Temperature 10 Deg F to + 158 Deg F

Humidity 5% RH to 95% RH, non-condensing

Vibration MIL STD 810C, Method 514.2

Shock MIL STD 810C, Method 516.2

Power 120 VAC / 18 VDC