

# TEMPERATURE, PROCESS AND STRAIN WALL MOUNT PANEL METER/CONTROLLER

**CNi8C-EN**



- Easy-to-Use Digital Controller with PID and Ramp/Soak
- Bright Programmable 3-Color Changing Display
- Universal Inputs: Thermocouple, RTD, Process Voltage/Current, Strain
- 2 Control or Alarm Outputs, Choice of: Mechanical Relays  
Solid State Relays  
Analog Voltage and Current
- Sealed Enclosure, NEMA 4 (IP65)
- Fuses for SSR or Relay Outputs
- 120/240 Vac Operation



**CNI8C33-EN**  
Shown smaller than actual size.

The CNI8C-EN is a compact, wall-mountable meter/controller that can be used for applications that need a fixed location, when a control panel is not required. The meter/controller supports a variety of temperature and process, or strain and process inputs. The flip-top enclosure makes programming and wire access easy to do. For more complete specifications of the meter/controller refer to the iSeries Common Specifications.

## SPECIFICATIONS

**Weight:** 1.22 kg (2.7 lb)

**Dimensions:** 206 H x 183 W x 124 mm D (8.1 x 7.2 x 4.9")

**Operating Temperature:** 0 to 50°C (32 to 122°F)

**Line Voltage/Power:** 90 to 240 Vac  $\pm 10\%$ , 50 to 400 Hz  
(110 to 375 Vdc, equivalent voltage)

To Order	
Model No.	Description
<b>CNi8C22-EN</b>	Wall mount enclosure with temperature/process controller with two SSR outputs
<b>CNi8C33-EN</b>	Wall mount enclosure with temperature/process controller with two form C relay outputs
<b>CNi8C52-C24-EN</b>	Wall mount enclosure with temperature/process controller with one analog and one SSR outputs, RS232 and RS485 serial communication
<b>CNi8C53-EN</b>	Wall mount enclosure with temperature/process controller with analog and one form C relay outputs
<b>CNiS8C33-EN</b>	Wall mount enclosure with strain/process controller with two form C relay outputs
<b>CNiS8C52-EN</b>	Wall mount enclosure with strain/process controller with one analog and one SSR outputs
<b>DPI8C-EN</b>	Wall mount enclosure with temp/process meter, no outputs

*Comes complete with meter/controller, one power fuse, output fuses as required, and operator's manual.*

**Ordering Example:** **CNi8C33-C24-EN**, temperature/process controller, with dual form C SPDT relays, one control fuse, two output fuses, isolated RS232 and RS485 serial communication; **DPI8C-EN**, strain/process meter with one power fuse.