

# Temperature/Process Controller Panel



Hinged Metal Enclosure

CNI-CB120SB



- ✓ Easy-to-Use Digital Controller with On/Off, PID and Ramp/Soak
- ✓ Optional Ethernet Control with Built-In Web Server
- ✓ 120V Operation
- ✓ 12 A (1440 W) Nominal, 15 A Maximum Capacity
- ✓ Type K Input and M12 Female Connection Input for RTD or Process (0 to 1V, 0 to 10V, 4 to 20 mA)
- ✓ On/Off Switch
- ✓ Main Power Light
- ✓ Output 1 and Output 2 Indicator Lights
- ✓ Two 15 A Controlled Output Relays with Standard 120V Power Output Receptical
- ✓ Fuses for Controller, Output 1 and 2 Provided
- ✓ For Indoor Use



CNI-CB120SB-K shown smaller than actual size, with CNI16D33 controller (included).



CNI-CB120SB-K-EI bottom with connections shown.

The CNI-CB120SB-K portable thermocouple temperature/process controllers are designed for indoor, general purpose use. Its design allows for a variety of temperature and process inputs.

## Specifications

**Weight:** 4.53 kg (10 lb)

**Dimensions:** 203 H x 152 W x 152 mm D (8 x 6 x 6")

**Operating Temperature:** 0 to 55°C (32 to 151°F)

To Order Visit [omega.com/cni-cb120sb](http://omega.com/cni-cb120sb) for Pricing and Details

Model No.	Description
CNI-CB120SB-K	Temperature/process single input controller with dual outputs
CNI-CB120SB-K-EI	Temperature/process single input controller with dual outputs and ethernet web server
Option	
M12-S-M-FM	M12 field mountable 4-pin with terminal lugs for wire connection

Comes complete with CNI16D33 controller, one 1 A control fuse, one 15 A output fuse and two 5 A and 10 A fuses.

For different thermocouple input Type change "-K" in model number to "-J, -T, -E, -N, -R, or -S." Example: CNI-CB120SB-T, for Type T input.

**Notes:** If both outputs are used, the maximum output of both outputs combined is 15 A, since maximum input is 15 A.

**Ordering Examples:** CNI-CB120SB-K, temperature/process single input controller with dual outputs.

CNI-CB120SB-K-EI, temperature/process single input controller with dual outputs and ethernet web server.