

# Digital Temperature Controller

# E5EC/E5EC-B/E5AC

(48 × 96 mm/96 × 96 mm)

**Large White PV Display That's Easier to Read.  
Easy to Use, from Model Selection to  
Setup and Operation.**

**Models with Push-In Plus Terminal  
Blocks Added to 48 × 96-mm Lineup.**

- A white LCD PV display with a height of approx. 18 mm for the E5EC/E5EC-B and 25 mm for the E5AC improves visibility.
- High-speed sampling at 50 ms.
- With 48 x 96-mm Controllers, you can select between screw terminal blocks or Push-In Plus terminal blocks to save wiring work.
- Short body with depth of only 60 mm. (Screw Terminal Blocks)
- Easy connections to a PLC with programless communications. Use component communications to link Temperature Controllers to each other.
- Tool ports are provided both on the top panel and the front panel. Set up the Controller without wiring the power supply by connecting to the computer with a Communications Conversion Cable (sold separately). Setup is easy with the CX-Thermo (sold separately).



\* CSA conformance evaluation by UL.



48 × 96 mm  
Screw Terminal  
Blocks  
E5EC

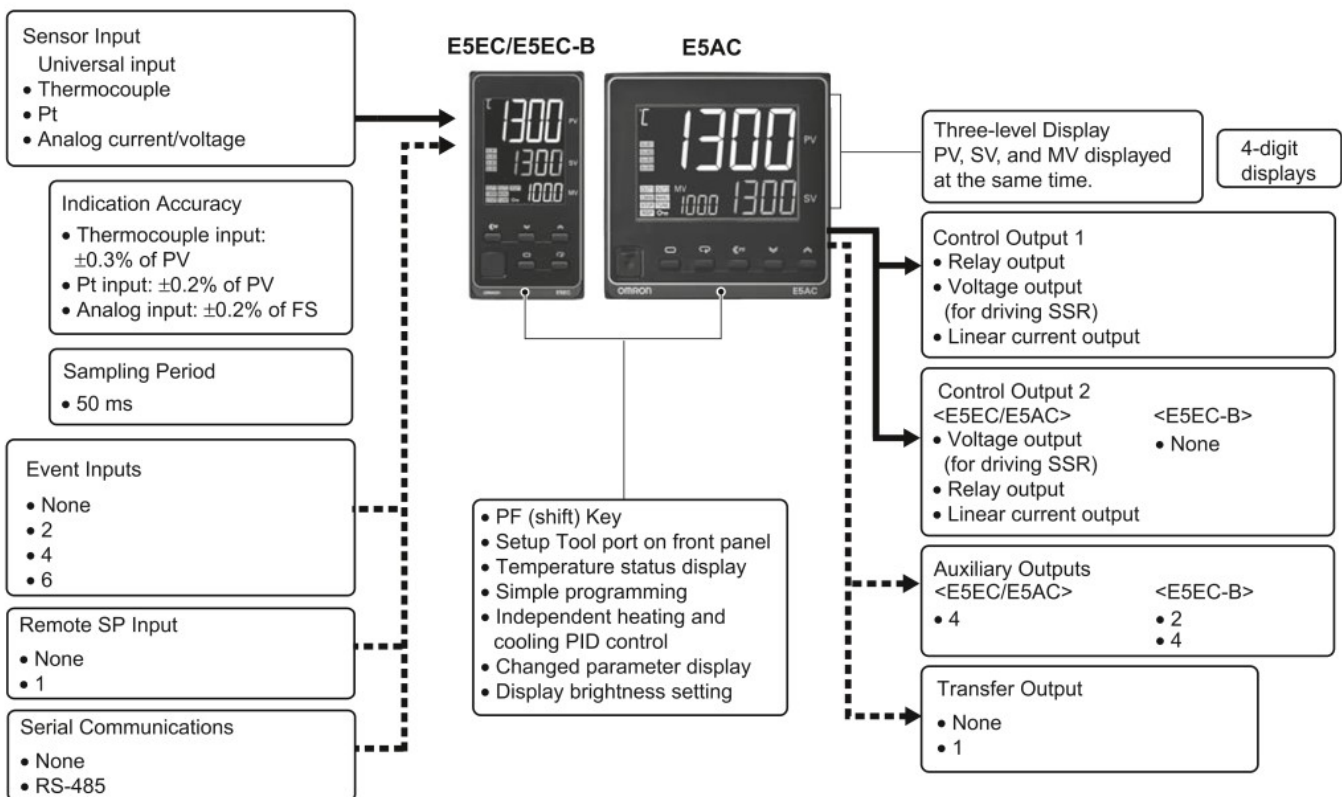
48 × 96 mm  
Push-In Plus  
Terminal  
Blocks  
E5EC-B

96 × 96 mm  
Screw Terminal Blocks  
E5AC

Refer to your OMRON website for the most recent information on applicable safety standards.

**Refer to Safety Precautions on page 122.**

## Main I/O Functions



This datasheet is provided as a guideline for selecting products.

Be sure to refer to the following manuals for application precautions and other information required for operation before attempting to use the product.

E5□C Digital Temperature Controllers User's Manual (Cat. No. H174)

E5□C Digital Temperature Controllers Communications Manual (Cat. No. H175)