

# Programmable Temperature Controller (Digital Controller)

# E5EC-T/E5AC-T

(48 × 96 mm/96 × 96 mm)

**Programmable Controllers Join the E5□C Series!**  
**Program up to 256 segments can handle a wide variety of applications.**



\* CSA conformance evaluation by UL.

- Set up to 8 Programs (Patterns) with 32 Segments (Steps) Each
- A white LCD PV display with a height of approx. 18 mm for the E5EC-T and 25 mm for the E5AC-T improves visibility.
- 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).
- High-speed sampling at 50 ms.
- Models are available with up to 4 auxiliary outputs, up to 6 event inputs, and a transfer output to cover a wide range of applications.
- Short body with depth of only 60 mm.
- Easy connections to a PLC with programless communications. Use component communications to link Temperature Controllers to each other.
- The new position-proportional control models allow you to control valves as well.



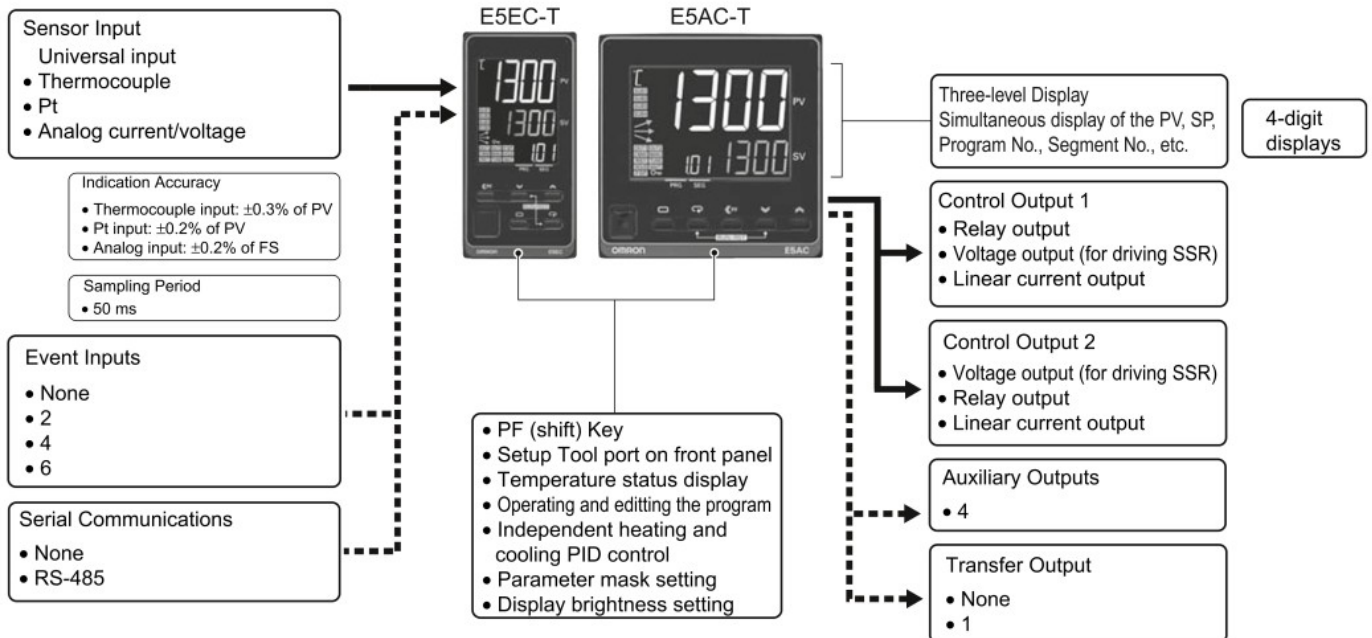
48 × 96 mm  
E5EC-T

96 × 96 mm  
E5AC-T

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-T Digital Temperature Controllers Programmable Type User's Manual (Cat. No. H185)

E5□C-T Digital Temperature Controllers Programmable Type Communications Manual (Cat. No. H186)