■ Series Configuration

CPU Units

Power supply voltage: 100 to 240 VAC, 12 to 24 VDC, Output: Relay, transistor output

With LCD display, operation buttons, and calendar/clock function

10 I/O points

Standard LCD type

ZEN-10C1□

Economy type

ZEN-10C3□

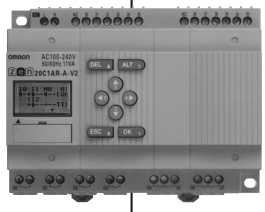
Expansion I/O Units cannot be connected.

Communications type

ZEN-10C4□

RS-485 communications type.

20 I/O points



Standard LCD type

ZEN-20C1□

Economy type

ZEN-20C3□

Expansion I/O Units cannot be connected.

LED type

10 I/O points

ZEN-10C2□

(10 I/O points)

20 I/O points

ZEN-20C2□

This CPU Unit has no LCD, operation buttons, or calendar/clock function.

Expansion I/O Units

Only 35-mm wide.
4 input, 4 output points

Power Supply Unit

Same shape and design as ZEN.
24 VDC, 30 W

Support Software

Allows easy programming and operation simulation.

Model Number Structure

■ Model Number Legend

Note: This model number legend includes combinations that are not available.
Please check *"List of Models"* for availability.

CPU Units

ZEN-□C□□□-□-V2
1 2 3 4 5

1. **Number of I/O points**
   10: 6 inputs and 4 outputs (See note.)
   20: 12 inputs and 8 outputs
2. **Type classifier**
   1: Standard LCD type with display
   2: LED type without display
   3: Economy type with display
   (Expansion I/O Units cannot be connected.)
   4: Communications type with display
3. **Input type**
   A: AC input
   D: DC input
4. **Output type**
   R: Relay
   T: Transistor
5. **Supply voltage**
   A: AC power supply
   D: DC power supply

Note: The Communications-type CPU Unit has 6 inputs and 3 outputs.

Expansion I/O Units

ZEN-8E1□□
1 2 3 4

1. **Number of I/O points**
   8: 4 inputs and 4 outputs
2. **Unit version classifier**
   E1: Can connect to V2 CPU Units (See note.)
3. **Input type**
   A: AC input
   D: DC input
4. **Output type**
   R: Relay
   T: Transistor

Note: Use a ZEN-8E□□/-4E□ to connect to pre-V1 and V1 CPU Units.

This data sheet is provided as a guideline for selecting products. Be sure to refer to the following user manuals for application precautions and other information required for operation before attempting to use the product.

ZEN Operation Manual (Cat. No. Z211)

ZEN Communications Manual (Cat. No. Z212)

ZEN Support Software Operation Manual (Cat. No. Z184-E1-03)

The PDF versions of these manuals can be downloaded from the following website.

ZEN Website http://www.zen.omron.co.jp/eng/index.html