### Specifications

**Model selection**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Name &amp; Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C15TR0TA0000</td>
<td>Example: CP-PC-1404E</td>
<td>Single Loop Controller</td>
</tr>
</tbody>
</table>

**Power consumption**

- DC power supply model: 24 Vac, 24 to 48 Vdc
- AC power supply model: 100 to 240 Vac
- 5 W max. (24 to 48 Vdc)
- DC power supply model: 7 VA max. (24 Vac)
- AC power supply model: 12 VA max.

**Mass**

Panel mounted type: 150 g (including dedicated mounting bracket)

**Standards compliance**

- CE marking (EN61010-1, EN61326)

**Connection**

- Total: 38,400 bps
- RS-485 (3-wire system)

**Input types and ranges**

- **K, J, E, T, R, S, B, N:** JIS C 1602-1995
- **Pt100:** JIS C 1604-1997
- **JPt100:** JIS C 1604-1989
- **WRe5-26:** ASTM E988-96 (Reapproved 2002)
- **DIN U, DIN L:** DIN 43710-1985

**Event relay**

- 2 points
- 3 points
- 4 points
- 5 points
- 6 points

**Output**

- Relay: 1a (SPST) 250 Vac 3 A
- Current output: 0 to 20 mAdc, 4 to 20 mAdc (selectable by setting)
- **Relay output:** 1c (SPDT) 250 Vac 3 A

**Indication accuracy**

- ±0.5 %FS ±1 digit
- 500 ms
- 0 to 50 ˚C
- Max. 2 m

**Software (sold separately)**

- Optional Devices (sold separately)
- Smart loader package (loader cable included)

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Please read "Terms and Conditions" from the following URL before ordering.

https://www.azbil.com/products/factory/order.html

Azbil Corporation
Advanced Automation Company
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User-friendly & easy-to-use general-purpose controller

Simple setup for heater control. PC loader provides easy monitoring of control situation.

**01 Three selectable types of auto-tuning**
Choose the type that best suits your equipment: priority on quick response, on stability, etc.

- Immediate response
- Normal
- Stable

**02 PC loader**
Useful in a variety of situations: when setting parameters, making trial run adjustments, checking operation, replacing parts, etc.

**03 Many event types & up to 3 contact outputs**
A wide variety of events to choose from, and as many as 3 contact outputs

- Event types
  - 3 types of loop diagnosis — PV high / low / high & low limits — PV deviation high / low & high & low limits — PV deviation high / low & high & low limits — Heater burnout / short-circuit / over-current alarm (3-point detection for 3-phase power) — and more

- Loop diagnosis events
  The loop diagnosis event settings allow consideration of the amount of measured PV change relative to the amount of MV (control). Three detection types are provided, including heater disconnection, solid-state relay (SSR) short-circuit, and detached or not inserted temperature sensor

- 3 EV outputs

**04 Event configuration**
There are 5 internal event points that can be assigned to 3 event contacts after calculation. This reduces the wiring for event contact outputs.

**05 Large, bright display is easy to see**
SP & PV display is clear and bright. LED indicates RUN/READY state, event/alarms output, and control output state, so you understand the situation at a glance.

**06 Compact size**
Reliability engineered into a mere 60 mm

The model NX-SVG is a multi-vendor IoT gateway that links data between devices connected by Ethernet and RS-485 without the need to create communication programs. Using it in combination with model C15 reduces system development time significantly.

A multi-vendor platform that allows the interchange of information between various kinds of control device and equipment without programming, resulting in efficient development time.