Thank you for choosing our Autonics product.

Please read the following safety considerations before use.

### Safety Considerations

1. Please observe all safety considerations for safe and proper product operation to avoid hazards.
2. Failure to follow these instructions may result in personal injury or product damage.
3. Use dry cloth to clean the unit, and do not use water or organic solvent.
4. Do not use the unit in the place where flammable/explosive/corrosive gas, humidity, direct sunlight, oil, dust, or vibration exists.
5. Do not disassemble or modify the unit.
6. Do not use the unit in the place where flammable/explosive/corrosive gas, humidity, direct sunlight, oil, dust, or vibration exists.

### Specifications

#### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>+TZ4SP</th>
<th>+TZ4ST</th>
<th>+TZ4W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>96</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Height</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Depth</td>
<td>96</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

#### Electrical

<table>
<thead>
<tr>
<th>Control Method</th>
<th>TZ4H</th>
<th>TZ4W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control output</td>
<td>24VDC</td>
<td>24VDC</td>
</tr>
<tr>
<td>Source</td>
<td>100-240VAC 50/60Hz</td>
<td>100-240VAC 50/60Hz</td>
</tr>
<tr>
<td>Resistive load</td>
<td>0 to 500Ω</td>
<td>0 to 600Ω</td>
</tr>
<tr>
<td>Maximum 5VDC load</td>
<td>30mA Max.</td>
<td>30mA Max.</td>
</tr>
<tr>
<td>RS485(A+), RS485(B-)</td>
<td>12VDC ±3V</td>
<td>12VDC ±3V</td>
</tr>
<tr>
<td>SSR</td>
<td>250VAC 1A 1a</td>
<td>250VAC 1A 1a</td>
</tr>
<tr>
<td>PV OUT</td>
<td>0VDC to 250VAC 3A 1c</td>
<td>0VDC to 250VAC 3A 1c</td>
</tr>
<tr>
<td>Maximum 5VDC load</td>
<td>30mA Max.</td>
<td>30mA Max.</td>
</tr>
<tr>
<td>Resistive load</td>
<td>600Ω Max.</td>
<td>600Ω Max.</td>
</tr>
<tr>
<td>Input Type</td>
<td>Analog, Digital, Couple, Thermo, Sensor, SSR, EVENT1, EVENT2, SSR, PV OUT</td>
<td>Analog, Digital, Couple, Thermo, Sensor, SSR, EVENT1, EVENT2, SSR, PV OUT</td>
</tr>
</tbody>
</table>

#### Analog Input

<table>
<thead>
<tr>
<th>Type</th>
<th>Max.</th>
<th>Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog 2 (0-10VDC, 4-20mA)</td>
<td>10V</td>
<td>0.0V</td>
</tr>
<tr>
<td>Analog 1 (0-10VDC, 4-20mA)</td>
<td>10V</td>
<td>0.0V</td>
</tr>
<tr>
<td>Analog 2 (0-10VDC, 0-10VDC, 4-20mA)</td>
<td>10V</td>
<td>0.0V</td>
</tr>
</tbody>
</table>

#### Control output

<table>
<thead>
<tr>
<th>Type</th>
<th>Max.</th>
<th>Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSR</td>
<td>250VAC 1A 1a</td>
<td>0V</td>
</tr>
<tr>
<td>PV OUT</td>
<td>0VDC to 250VAC 3A 1c</td>
<td>0VDC</td>
</tr>
</tbody>
</table>

#### Digital Inputs

- Event 1
- Event 2
- Event 1 + Event 2
- Event 1 + Event 2 + RS485 communication
- Event 1 + Event 2 + SSR
- Event 1 + Event 2 + SSR
- PV transmission (DC4-20mA) option

#### Digital Outputs

- Event 1
- Event 2
- Event 1 + Event 2
- Event 1 + Event 2 + SSR
- PV transmission (DC4-20mA) option

#### Power Input

- 100-240VAC 50/60Hz
- 30mA Max.
- 600Ω Max.

### Ordering Information

#### TZ Series

- Control method
- Power supply
- Control output
- Analog input
- Digital input
- Digital output
- Control output

#### TZ4SP, TZ4ST, TZ4W Series

- Control method
- Power supply
- Control output
- Analog input
- Digital input
- Digital output
- Control output

### Configuring Input Type

Please configure the internal switches before supplying power. After supplying power, configure the input type according to the input type settings in parameter group 2.

1. Press the front cover then pull the case to detach the case from the body.
2. The above specifications are subject to change and some model may be discontinued without notice.
3. Be sure to follow cautions written in the instruction manual and the technical descriptions (catalog, homepage).

### Caution

- Failure to follow this instruction may result in electric shock.
- Failure to follow this instruction may result in fire.
- Failure to follow this instruction may result in product damage.

### Warning

- Failure to follow these instructions may result in serious injury or death.

### Instructions

- The unit cannot be configured with options/parameters from the above ordering information. Please refer to specifications for possible configurations.
- TZ4ST only supports Event 1, Event 1 + Event 2, and Event 1 + PV transmission (DC4-20mA) option.

### Notes

- In p-in switches (PG-H, PS-HG) use only.
- The unit cannot be configured with options/parameters from the above ordering information. Please refer to specifications for possible configurations.
- TZ4ST only supports Event 1, Event 1 + Event 2, and Event 1 + PV transmission (DC4-20mA) option.
- In p-in switches (PG-H, PS-HG) use only.

### Diagrams

Refer to the provided diagrams for further details on the unit's specifications and configurations.