

1 Installation/mounting

Outline and Panel Cutout Dimensions

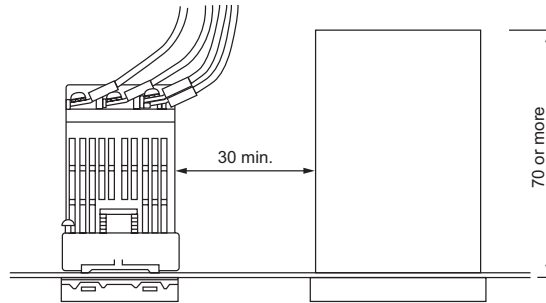
	Outline dimensions (unit:mm)	Panel cutout dimensions (unit:mm)												
PXR4	<p>Front view: 48mm width, 48mm height. Labels: P, C, O, O, O, A, L, I, O, A, L, I, O, A, L, I, O, C, PV, SV, O, PXR4.</p> <p>Side view: 8mm depth, 79.8mm total width, 44.8mm height. Labels: PXR4AA11YM00.D, MPD 2000-04, No. 000001T.</p> <p>Terminal view: 44.8mm width, 44.8mm height, 6.2mm terminal screw spacing. Label: Terminal screw M3×6.</p> <p>Mounting bracket: 48mm width, 57mm height. Label: Mounting bracket.</p> <p>Panel: Panel thickness 1 to 8mm.</p>	<p>For side by side installation, see the Note1.</p> <table border="1"> <thead> <tr> <th>Number of units</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>93</td> <td>141</td> <td>189</td> <td>237</td> <td>285</td> </tr> </tbody> </table>	Number of units	2	3	4	5	6	a	93	141	189	237	285
Number of units	2	3	4	5	6									
a	93	141	189	237	285									
PXR7	<p>Front view: 72mm width, 72mm height. Labels: P, C, O, O, O, A, L, I, O, A, L, I, O, C, PV, SV, O, PXR7.</p> <p>Side view: 8.2mm depth, 79.7mm total width, 44.8mm height, 67mm height, 80.8mm height. Labels: Panel, Packing, t, 1 ≦ t ≦ 8.</p> <p>Terminal view: 67mm width, 67mm height, 6.2mm terminal screw spacing. Label: Terminal screw M3×6.</p>	<p>82MIN., 92MIN.</p>												

Remarks

Note) Panel coating procedure must be taken into account, for the panel cutout dimension should still conform with the dimensions listed in the left hand column.

Caution on side-by-side installation:

- Maximum ambient temperature is at 45 °C when the power supply is at 200VAC or more. When the PXR4 controller is tightly fixed in vertical and upright direction, the use of 100V AC power supply is recommended .
(Installation of fan is recommended as a heat release measure)
- Make sure the controller is installed more than 30mm away, when there is an instrument of more than 70mm depth or a wall on the right side of the controller.
- Side-by-side installation may sacrifice the controller's waterproof property.



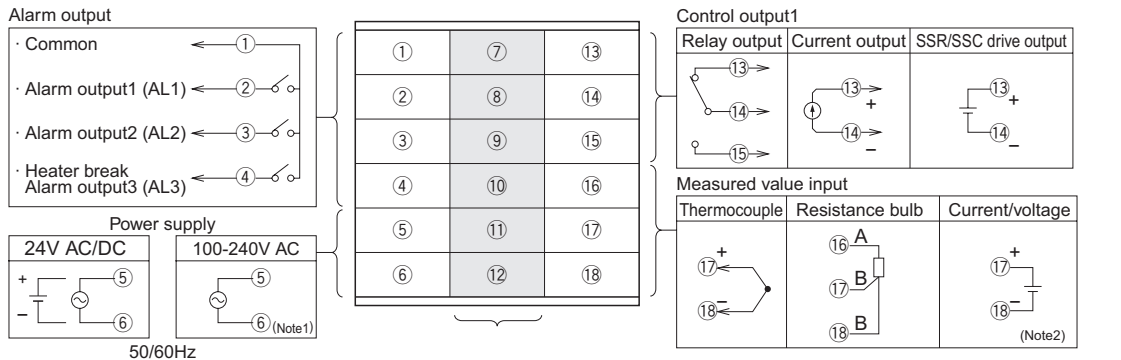
Caution on wiring:

- Terminals at the left hand side (from No.1 to 6) should be used first.
- Crimp terminals with matching screw size should be used. Tightening torque value should be approx. 0.8N · m.
- Do not connect anything to the terminals that are not used. (Do not use as relay terminal)

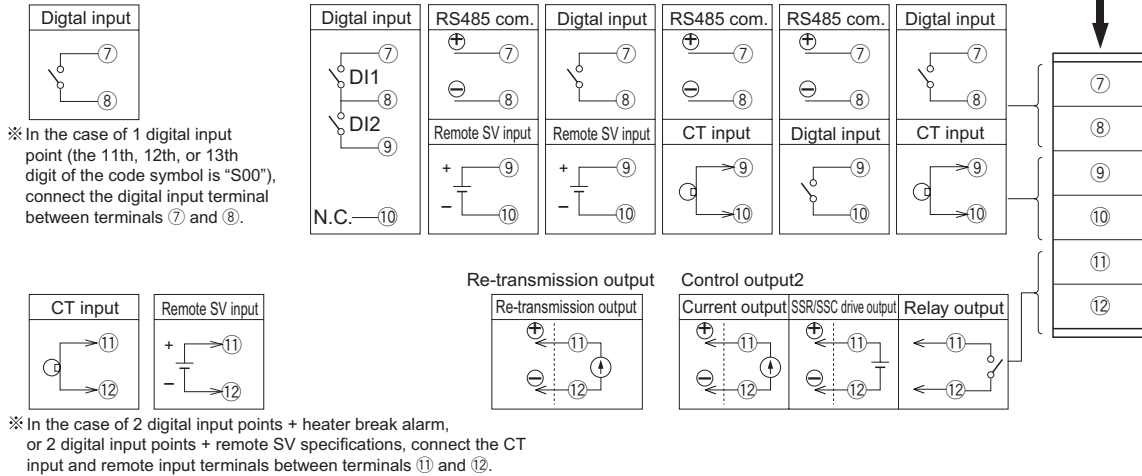
2

Wiring

Terminal Connection Diagram (100 to 240 AC, 24V AC/24V DC)



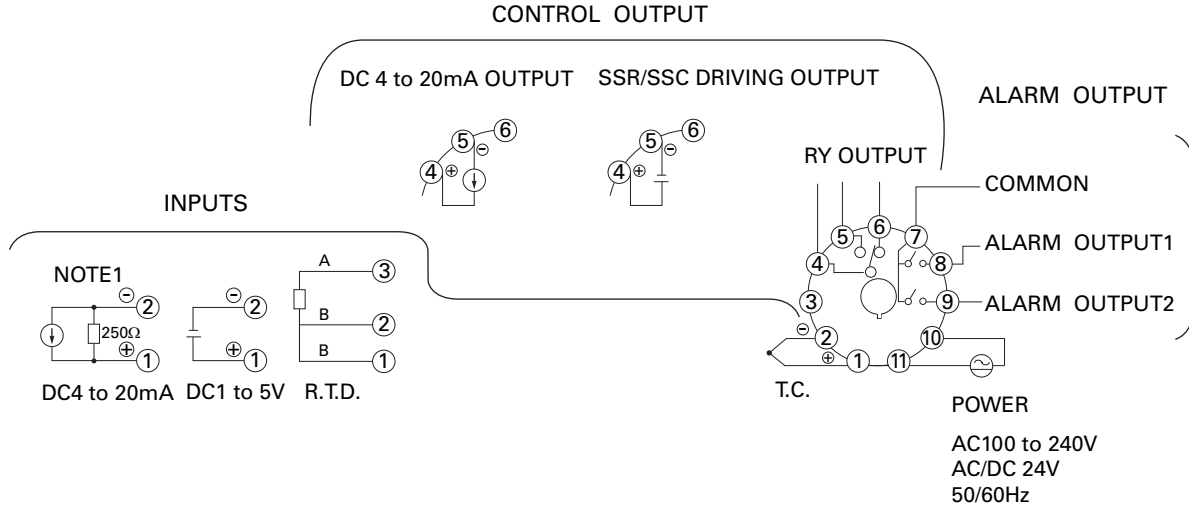
Note 1 : Check the power supply voltage before installation.
 Note 2 : Connect the I/V unit (250Ω resistor) (accessory) between the terminal ⑰ and ⑱ in case of current input.



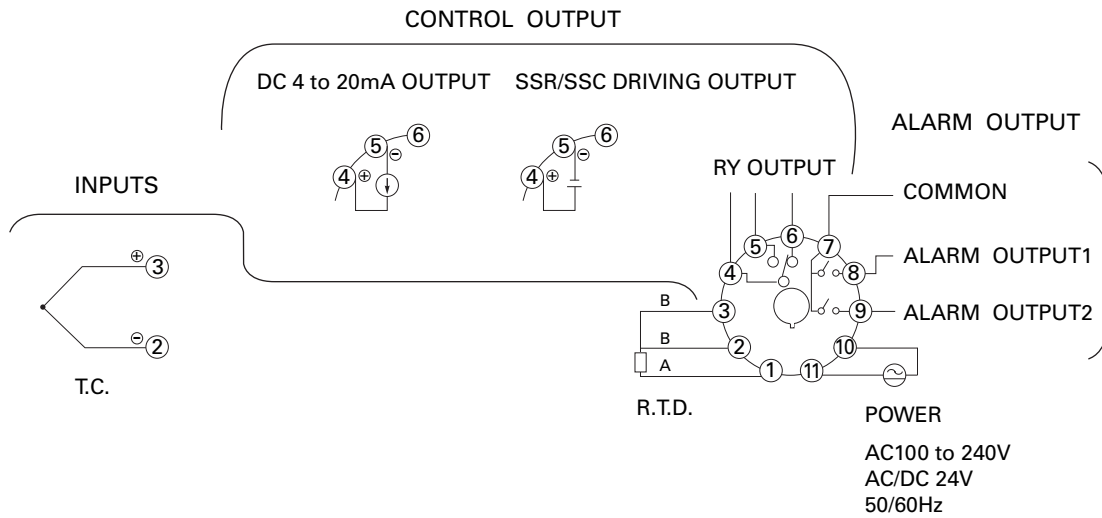
CONNECTION DIAGRAM

(1) With alarm functions 11-pin socket

- When compatible with PXW4/PXZ4/PXV4 thermocouple input terminal
(When either one of the following is selected for the 5th digit of the code symbols: "T", "R", "W", "A" and "B")
Note that the terminal layout of the resistance bulb input type differs from that of PXW4/PXZ4/PXV4.



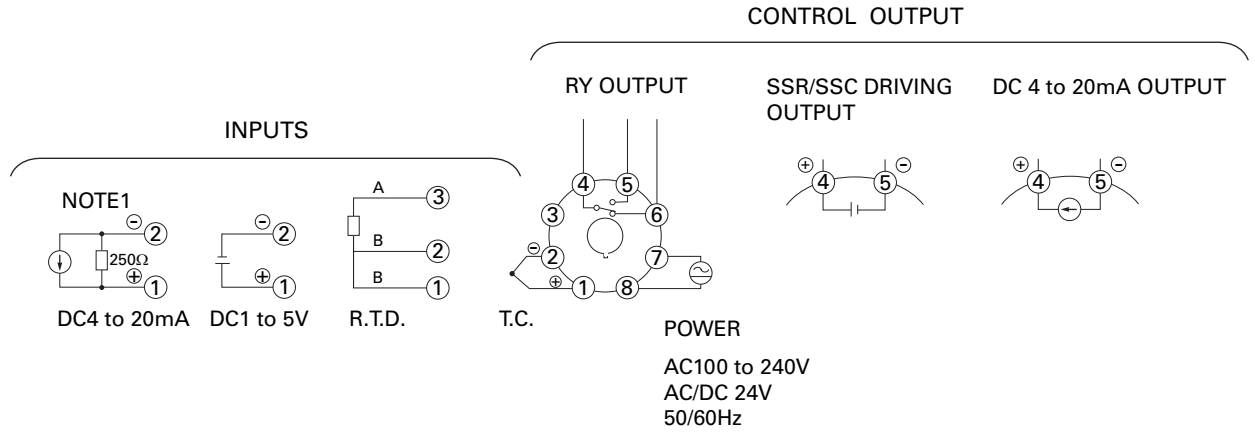
- When compatible with PXW4/PXZ4/PXV4 resistance bulb input terminal
(When either one of the following is selected for the 5th digit of the code symbols: "N" and "S")
Note that the terminal layout of the thermocouple input type differs from that of PXW4/PXZ4/PXV4.



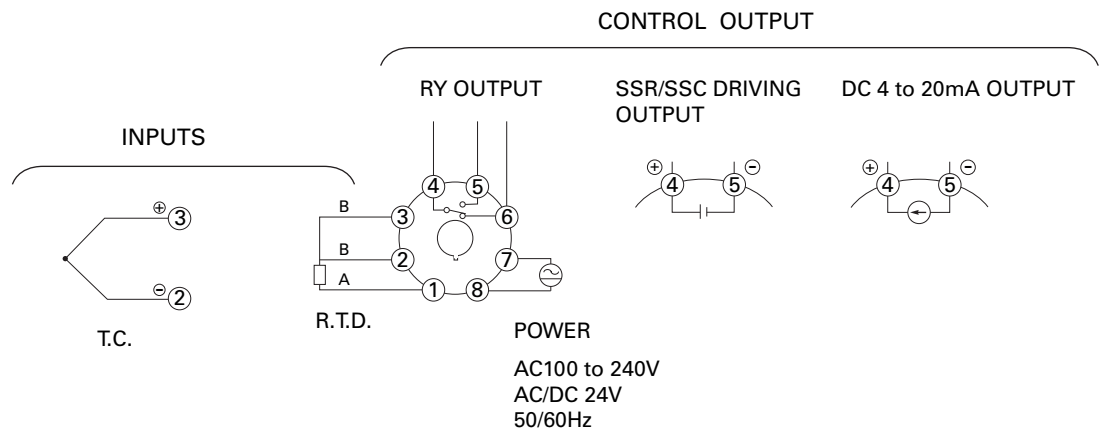
NOTE 1 : Use the 250Ω resistance (accessory).

(2) Without alarm functions 8-pin socket

- When compatible with PXW4/PXZ4/PXV4 thermocouple input terminal
 (When either one of the following is selected for the 5th digit of the code symbols: "T," "R," "W," "A" and "B")
 Note that the terminal layout of the resistance bulb input type differs from that of PXW4/PXZ4/PXV4.



- When compatible with PXW4/PXZ4/PXV4 resistance bulb input terminal
 (When either one of the following is selected for the 5th digit of the code symbols: "N" and "S")
 Note that the terminal layout of the thermocouple input type differs from that of PXW4/PXZ4/PXV4.

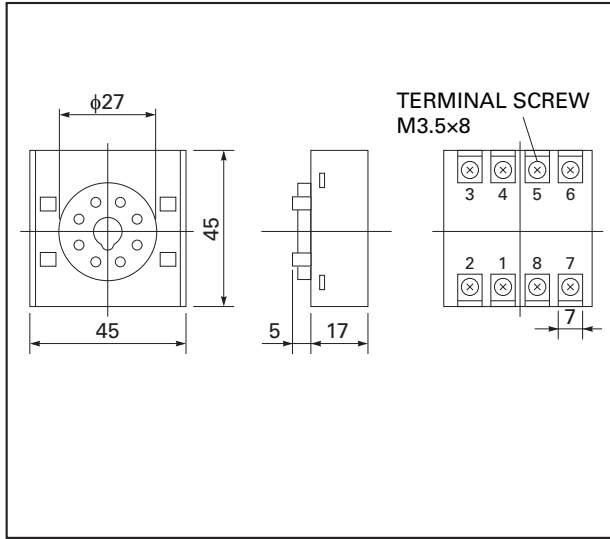


NOTE 1 : Use the 250Ω resistance (accessory).

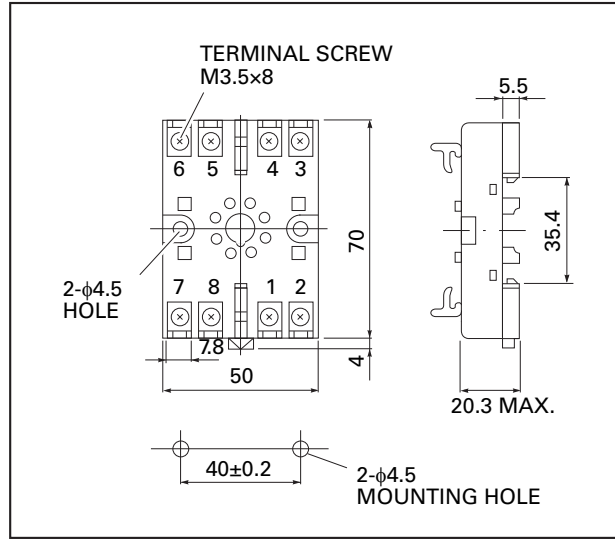
SOCKET OUTLINE DIAGRAM (Unit: mm)

Without alarm

TP48SB TYPE (FOR PANEL MOUNTING)

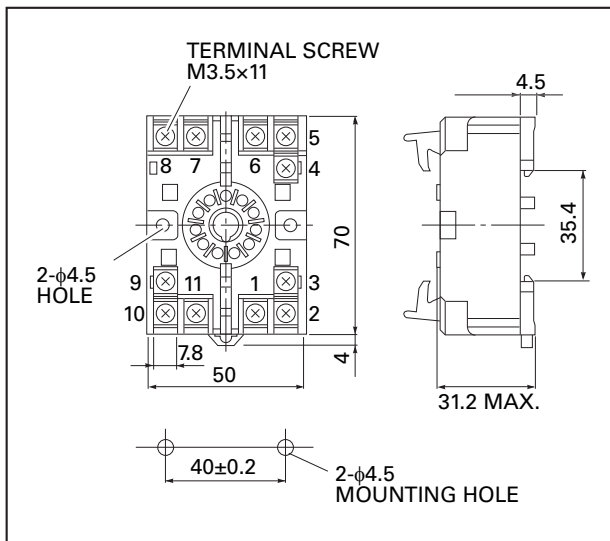


TP48X TYPE (FOR RAIL MOUNTING)

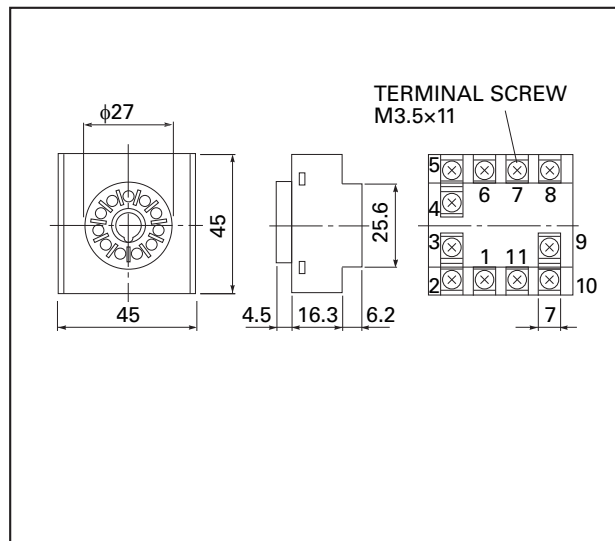


With alarm

TP411X TYPE (FOR RAIL MOUNTING)



TP411SBA TYPE (FOR PANEL MOUNTING)



⚠ Caution on Safety

*Before using this product, be sure to read its instruction manual in advance.

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