

## Product Discontinuation Notices

Programmable Controllers

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### Discontinuation Notice of CJ-series Process Analog I/O Units CJ1W-PTS16.

#### Product Discontinuation

CJ-series Process Analog I/O Units



Model CJ1W-PTS16



#### Recommended Replacement

CJ-series Process Analog I/O Units

Model CJ1W-PH41U

#### [ Discontinuation date ]

The end of March, 2014

#### [ Caution on recommended replacement ]

CJ1W-PH41U is 4 points type  
Wiring connection are different.

#### [ Difference from discontinued product ]

Recommended replacement Model	Body Color	Dimen-sions	Wire connection	Mounting Dimensions	Charact-eristics	Operation ratings	Operation methods
CJ1W-PH41U	**	**	*	**	*	*	*

\*\* : Compatible  
\* : The change is a little/Almost compatible  
-- : Not compatible  
- : No corresponding specification

#### [ Product Discontinuation and recommended replacement ]

Product discontinuation	Recommended replacement
CJ1W-PTS16	CJ1W-PH41U

#### [ Body color ]

Product discontinuation Model CJ1W-PTS16	Recommendable replacement Model CJ1W-PH41U
Black	Black

**[ Wire connection ]**

Product discontinuation Model CJ1W-PTS16	Recommendable replacement Model CJ1W-PH41U
<p>Diagram showing terminal connections for Model CJ1W-PTS16. It includes four platinum-resistance thermometer inputs (No. 1, 2, 3, 4) and three external alarm outputs (ALM1, ALM2, ALM3). The terminal block is labeled with various alphanumeric codes such as 2b, 2B, 2A, 2B, 4b, 4B, 4A, 4B, ALM2, ALM2, 2V, A1, 1b, A2, 1B, A3, 1A, A4, 3b, A5, 3B, A6, 3A, A7, ALM1, A8, ALM3, and 2V.</p>	<p>Diagram showing terminal connections for Model CJ1W-PH41U. It features four inputs (Input 1, 2, 3, 4) and a central terminal block. The terminal block is labeled with alphanumeric codes: 2-A, B1(10), A1(1), 1-A, 2-B, B2(11), A2(2), 1-B, 2-C, B3(12), A3(3), 1-C, 2-D, B4(13), A4(4), 1-D, C, B5(14), A5(5), C+, 4-A, B6(15), A6(6), 3-A, 4-B, B7(16), A7(7), 3-B, 4-C, B8(17), A8(8), 3-C, 4-D, B9(18), A9(9), 3-D. Each input is connected to a potentiometer, resistance thermometer, or thermocouple.</p>

**[ Mounting dimensions ]**

Product discontinuation Model CJ1W-PTS16	Recommendable replacement Model CJ1W-PH41U
Following to CJ1 series recommendation	Following to CJ1 series recommendation

**[ Dimensions ]**

Product discontinuation Model CJ1W-PTS16	Recommendable replacement Model CJ1W-PH41U
<p>Dimensional drawing of Model CJ1W-PTS16. The drawing shows the front and side views of the device. Key dimensions are: height 90, width 31, and depth 80 and 85.</p>	Same with CJ1W-PTS16

[ Characteristics ]

Item	Product discontinuation Model CJ1W-PTS16	Recommendable replacement Model CJ1W-PH41U
<b>Unit classification</b>	CJ series special I/O units	CJ series special I/O units
<b>Numbers of temperature sensor inputs</b>	2 points	4 points
<b>Temperature sensor type</b>	Pt100 (JIS, IEC), JPt100, Pt50, Ni508.4	1/64000 resolution (Conversion period 10ms) Pt100 (JIS, IEC3-wire), JPt100 (3-wire), Pt100 (JIS, IEC 4-wire), K, J, T, E, L, U, N, R, S, B, WRe5-26, PLII, 4 to 20 mA, 0 to 20 mA, 1 to 5 V, 0 to 1.25 V, 0 to 5 V, 0 to 10 V, ( $\pm 100$ mV, -1.25 V to +1.25 V, -5 V to +5 V, -10 V to +10 V, $\pm 10$ V) user set range
<b>Accuracy (25 degree C)</b>	$\pm 0.05\%$ or $\pm 0.1$ degree	Pt100 (3-wire): $\pm 0.05\%$ JPt100 (3-wire): $\pm 0.05\%$ Pt1000 (3-wire): $\pm 0.05\%$ Pt100 (4-wire): $\pm 0.05\%$
<b>Temperature coefficient</b>	Pt100: $\pm 0.009\%$ / degree C JPt100: $\pm 0.01\%$ / degree C Pt50: $\pm 0.02\%$ / degree C Ni508.4: $\pm 0.012\%$ / degree C	Pt100 (3-wire): $\pm 0.08\%$ / degree C (-200.00 to 50.00 degree C), $\pm 0.03\%$ / degree C (-50.00 to 150.00 degree C), $\pm 0.08\%$ / degree C (150.00 to 850.00 degree C) JPt100 (3-wire): $\pm 0.07\%$ / degree C Pt1000 (3-wire): $\pm 0.09\%$ / degree C Pt100 (4-wire): $\pm 0.02\%$ / degree C (-200.00 to 850.00 degree C), $\pm 0.005\%$ / degree C (0.000 to 50.000 degree C)
<b>Resolutions</b>	1/64000	1/256000 (Conversion speed 60 ms) 1/64000 (Conversion speed 10 ms) 1/16000 (Conversion speed 5 ms)
<b>Sensing method</b>	3-wire method	3-wire, 4-wire method (Pt100)
<b>Allowable lead wire resistance</b>	20 $\Omega$ max. per wire	20 $\Omega$ max. per wire
<b>Input detection current</b>	0.5 mA	0.21 mA (3-wire) 0.42 mA (4-wire)
<b>Warmup time</b>	10 min	30 min
<b>Conversion period</b>	10 ms/2 points	60 ms/ 4 points (1/25600) 10 ms/ 4 points (1/64000) 5 ms/ 4 points (1/16000)

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.