PRODUCT NEWS

Product Discontinuation Notices

Programmable Controllers

OMRON

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March 4, 2013

No. 2013022CE

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

Product Discontinuation		Recommended Replacement
CJ-series Process Analog I/O Units		CJ-series Process Analog I/O Units
Model CJ1W-PTS16	➡	**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

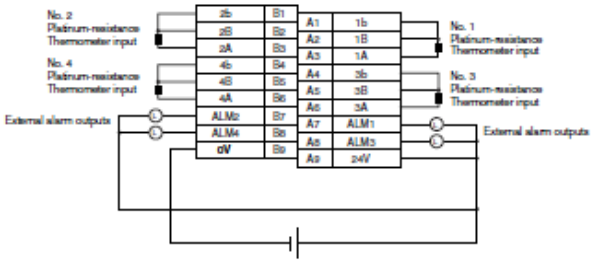
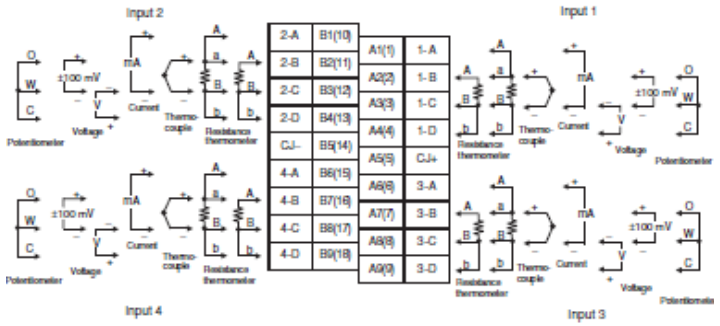
[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
CJ1W-PTS16	CJ1W-PH41U

[Body color]

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

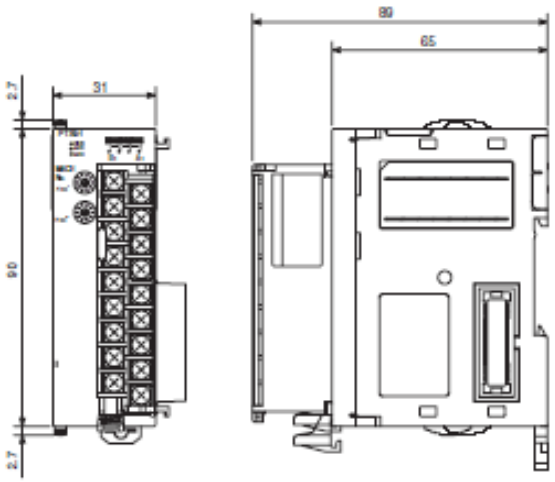
[Wire connection]

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

[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
	Same with CJ1W-PTS16

[Characteristics]

Item	Product discontinuation Model CJ1W-PTS16	Recommendable replacement Model CJ1W-PH41U
Unit classification	CJ series special I/O units	CJ series special I/O units
Numbers of temperature sensor inputs	2 points	4 points
Temperature sensor type	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, 1to 5 V, 0 to 1.25 V, 0 to 5 V, 0 to 10 V, (±100 mV, -1.25 V to +1.25 V, -5 V to +5 V, -10 V to +10 V、±10 V) user set range
Accuracy (25 degree C)	±0.05% or ±0.1 degree	Pt100 (3-wire): ±0.05% JPt100 (3-wire): ±0.05% Pt1000 (3-wire): ±0.05% Pt100 (4-wire): ±0.05%
Temperature coefficient	Pt100: ±0.009%/ degree C JPt100: ±0.01%/ degree C Pt50: ±0.02%/ degree C Ni508.4: ±0.012%/ degree C	Pt100 (3-wire): ±0.08%/ degree C (-200.00 to 50.00 degree C), ±0.03%/ degree C (-50.00 to 150.00 degree C), ±0.08%/ degree C (150.00 to 850.00 degree C) JPt100 (3-wire): ±0.07%/ degree C Pt1000 (3-wire): ±0.09%/ degree C Pt100 (4-wire): ±0.02%/ degree C (-200.00 to 850.00 degree C), ±0.005%/ degree C (0.000 to 50.000 degree C)
Resolutions	1/64000	1/256000 (Conversion speed 60 ms) 1/64000 (Conversion speed 10 ms) 1/16000 (Conversion speed 5 ms)
Sensing method	3-wire method	3-wire, 4-wire method (Pt100)
Allowable lead wire resistance	20 Ω max. per wire	20 Ω max. per wire
Input detection current	0.5 mA	0.21 mA (3-wire) 0.42 mA (4-wire)
Warmup time	10 min	30 min
Conversion period	10 ms/2 points	60 ms/ 4 points (1/25600) 10 ms/ 4 points (1/64000) 5 ms/ 4 points (1/16000)