



## Ordering Information

### Process Analog I/O Units


#### Isolated-type Thermocouple Input Units

Unit type	Product name	Input points	Signal range selection	I/O type	Conversion speed	External connection	No. of unit numbers allocated	Current consumption (A)		Model	Standards
								5V	24V		
CS1 Special I/O Units		4 inputs	Set separately for each input	B, E, J, K, L, N, R, S, T, U, WRe5-26, PLII, ±100 mV	20 ms/4 inputs, 10 ms/2 inputs	Removable terminal block	1	0.12	0.08	CS1W-PTS11	UC1, N, CE
		4 inputs		R, S, K, J, T, L, B	250 ms/4 inputs			0.25	–	CS1W-PTS51	UC1, CE
		8 inputs		R, S, K, J, T, L, B	250 ms/8 inputs			0.18	0.06	CS1W-PTS55	
		4 inputs		B, E, J, K, N, R, S, T, ±80mV	150 ms/4 inputs			0.15	0.15	CS1W-PTS01-V1	


#### Isolated-type Resistance Thermometer Input Units

Unit type	Product name	Input points	Signal range selection	I/O type	Conversion speed (resolution)	External connection	No. of unit numbers allocated	Current consumption (A)		Model	Standards
								5V	26V		
CS1 Special I/O Units		4 inputs	Set separately for each input	Pt100, JPt100, Pt50, Ni508.4	20 ms/4 inputs, 10 ms/2 inputs	Removable terminal block	1	0.12	0.07	CS1W-PTS12	UC1, N, CE
		4 inputs		Pt100, JPt100	250 ms/4 inputs			0.25	–	CS1W-PTS52	UC1, CE
		8 inputs		Pt100, JPt100	250 ms/8 inputs			0.18	0.06	CS1W-PTS56	
		4 inputs		Pt100, JPt100	100 ms/4 inputs			0.15	0.15	CS1W-PTS02	
	Isolated-type Resistance Thermometer Input Units (Ni508.4 Ω)	4 inputs	Ni508.4	100 ms/4 inputs	0.15	0.15	CS1W-PTS03				


#### Isolated-type DC Input Units

Unit type	Product name	Input points	Signal range	Conversion speed (resolution)	External connection	No. of unit numbers allocated	Current consumption (A)		Model	Standards
							5V	26V		
CS1 Special I/O Units		4 inputs	4 to 20 mA, 0 to 20 mA, 0 to 10 V, ±10 V, 0 to 5 V, ±5 V, 1 to 5 V, 0 to 1.25 V, ±1.25 V	20 ms/4 inputs, 10 ms/2 inputs	Removable terminal block	1	0.12	0.12	CS1W-PDC11	UC1, N, CE
		8 inputs	4 to 20 mA, 0 to 10 V, 0 to 5 V, 1 to 5 V	250 ms/8 inputs			0.18	0.06	CS1W-PDC55	UC1, CE
		4 inputs	4 to 20 mA, 0 to 20 mA, 1 to 5 V, 0 to 5 V, ±5 V, 0 to 10 V, ±10 V	100 ms/4 inputs			0.15	0.16	CS1W-PDC01	
	Isolated-type 2-Wire Transmitter Input Unit	4 inputs	4 to 20 mA, 1 to 5 V	100 ms/4 inputs			0.15	0.16	CS1W-PTW01	UC1, CE
	Power Transducer Input Unit	8 inputs	0 to 1 mA, ±1 mA	200 ms/8 inputs			0.15	0.08	CS1W-PTR01	
Analog Input Unit (100 mV)	8 inputs	0 to 100 mV, ±100 mV	200 ms/8 inputs	0.15	0.08	CS1W-PTR02				

**Isolated-type Analog Output Unit**

Unit type	Product name	Output points	Signal range selection	Signal range	Conversion speed (resolution)	External connection	No. of unit numbers allocated	Current consumption (A)		Model	Standards
								5V	26V		
CS1 Special I/O Units		4 inputs	Set separately for each input	4 to 20 mA, 1 to 5 V	100 ms/4 inputs	Removable terminal block	1	0.15	0.16	CS1W-PMV01	UC1, CE
		4 inputs		0 to 10 V, ±10 V, 0 to 5 V, ±5 V, 0 to 1 V, ±1 V	40 ms/4 inputs			0.12	0.12	CS1W-PMV02	

**Isolated-type Pulse Input Unit**

Unit type	Product name	Input points	External connection	No. of unit numbers allocated	Current consumption (A)		Model	Standards
					5V	26V		
CS1 Special I/O Units		4 pulse inputs	Removable terminal block	1	0.20	0.16	CS1W-PPS01	UC1, CE

**International Standards**

- The standards indicated in the "Standards" column are those current for UL, CSA, cULus, cUL, NK, and Lloyd standards and EC Directives as of the end of September 2008. The standards are abbreviated as follows: U: UL, U1: UL (Class I Division 2 Products for Hazardous Locations), C: CSA, UC: cULus, UC1: cULus (Class I Division 2 Products for Hazardous Locations), CU: cUL, N: NK, L: Lloyd, and CE: EC Directives.
- Ask your OMRON representative for the conditions under which the standards were met.