

July 4, 2011

Programmable Controllers

No. 2011205E

Discontinuation Notice of CS1W-LC001 unit

Product Discontinuation

CS1W Series



CS1W-LC001

Recommended Replacement

CS1W Series



CS1W-LCB005

Discontinuation date : The end of March, 2012

Caution on recommended replacement

CS1W-LC001, Loop control unit will be discontinued. Replacement of CS1W-LCB005 will require a amount of design change works (PLC Programming, unit setting, and so on). Omron will provide repair and maintenance service for seven years after product discontinuation.

Difference from discontinued product

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
CS1W-LCB005	*	--	--	-	--	--	--

** : Fully compatible

* : The change is a little/Almost compatible

-- : Not compatible

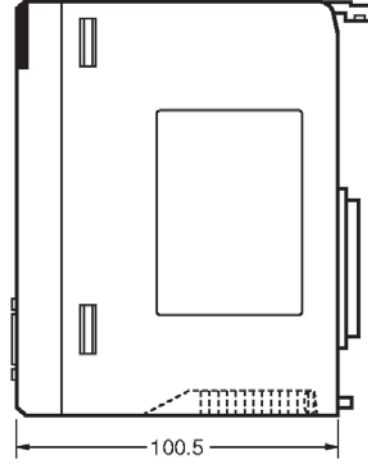
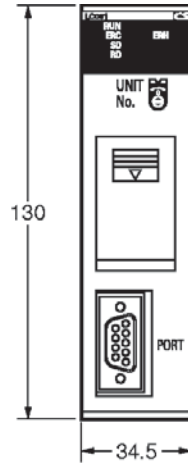
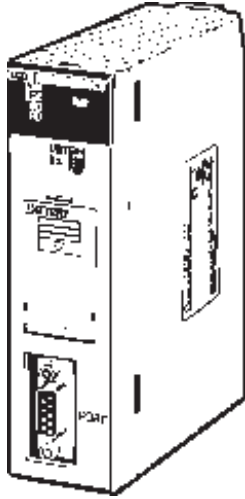
- : No corresponding specification

Product Discontinuation and recommended replacement

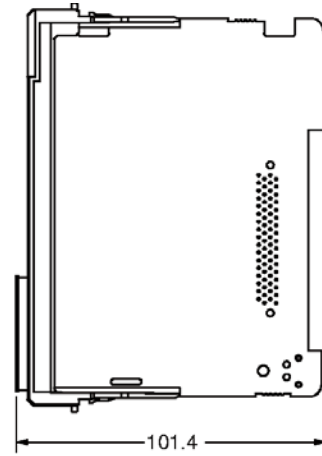
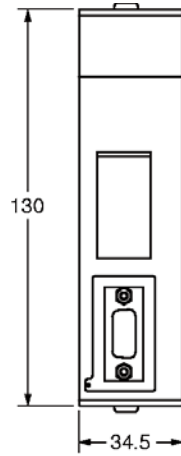
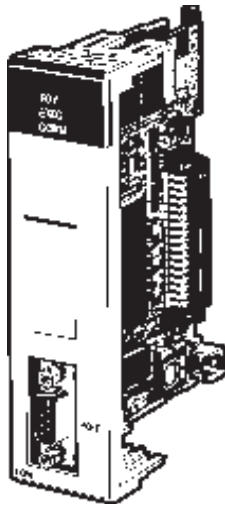
Product discontinuation	Recommended replacement
CS1W-LC001	CS1W-LCB05

Dimensions

Recommendable replacement CS1W-LC001



Recommendable replacement CS1W-LCB05



Characteristics

General specification

	Product discontinuation CS1W-LC001	Recommendable replacement CS1W-LCB05
Item	Specification	
Name	Loop control unit	Loop control board
unit classification	CS-series CPU bus unit	CS-series CPU inner boards
Model number	CS1W-LC001	CS1W-LCB05
Applicable CPU unit	CS-series CPU	CS1G/H-CPU[[]] CS1D-CPU[[]]S
Mounting location	CPU rack only	Inner board slot in CPU unit
Number of Boards/Unit	3 units max per CPU unit	1 board max per CPU unit
Setting switch	Rotary switch on front panel	None
Front panel connections	RS232C port x 1	
Data backup	By battery	By super capacitor
Battery/capacitor life	5years at 25°C	24hours at 25°C
Effect on CPU unit cycle time	0.2ms	0.8ms
Current consumption	DC5V 360mA	DC5V 220mA
Dimensions	34.5(W)x130(H)x100.5(D)	
Weight	220g max	100g max

Function specification

	Product discontinuation CS1W-LC001	Recommendable replacement CS1W-LCB05
Operation method	Function block method	
Operation cycle	Settable cycles: 0.1s, 0.2s, 0.5s, 1s or 2s (default: 1s) Can be set for each function block.	Settable cycles: 0.01s, 0.02s, 0.05s, 0.1s, 0.2s, 0.5s, 1s or 2s (default: 1s) Can be set for each function block.
Number of function blocks	Control blocks: 32 blocks max Operation blocks: 249 blocks max	500 blocks max
Method for creating and transferring function blocks	Created and transferred using CX-Process Tool (included in CX-One package)	
PID control method	PID with 2 degrees of freedom (with Auto-tuning)	
Control combinations	Any of the following blocks can be combined: Basic PID control, cascade control, feed-forward control, sample PI control, Smith dead time compensation control, PID control with different gap, override control, program control, time-proportional control, etc	
Alarms	4 PV alarms	