

Product Discontinuation Notices

Networks

Issue Date
August 1, 2022

No. 20220802CE

Discontinuation Notice of Name of CompoBus/S series.

Product Discontinuation

CompoBus/S

Programable slave

CPM2C-S1[]0C-DRT

Master control unit (S Controller)

SRM1-C01/C02-V2

CPU unit with CompoBus/S master

CPM2C-S1[]0C

CS-series CompoBus/S Master Units

CS1W-SRM21

CJ-series CompoBus/S Master Units

CJ1W-SRM21

Recommended Replacement

CompoNet

No recommended replacement**No recommended replacement****No recommended replacement**

CS-series CompoNet Master Units

CS1W-CRM21

CJ-series CompoNet Master Unit

CJ1W-CRM21

[Final order entry date]

August, 2022

[Date of The Last Shipping]

The end of March, 2023

[Scheduled date of maintenance close]

The end of December, 2029

[Caution on recommended replacement]

Recommended alternative product Replacement with CompoNet requires program changes and wiring changes.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
CRT1 series	--	--	--	-	-	-	-
CS1W-CRM21	**	**	-	**	-	-	-
CJ1W-CRM21	**	**	-	**	-	-	-

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
CPM2C-S100C	No recommended replacement
CPM2C-S110C	No recommended replacement
CPM2C-S100C-DRT	No recommended replacement
CPM2C-S110C-DRT	No recommended replacement
CJ1W-SRM21	CJ1W-CRM21
CS1W-SRM21	CS1W-CRM21
SRM1-C01-V2	No recommended replacement
SRM1-C02-V2	No recommended replacement

[Characteristics]

Item	Compobus/S	CompoNet
Baud Rate (bps)	Long distance mode: 93.75k	93.75k
	High-speed mode: 750k	1.5M 3M 4M When the high-speed mode has been selected, the recommended baud rate is 1.5M bps. Cable length is restricted at the baud rates of 3M and 4M bps.
Max. I/O Points	IN: 128 OUT: 128	Word slave. 1024 for IN, and 1024 for OUT.
Max. Connectable Nodes	IN: 16 OUT: 16	Word slave. 64 for IN, and 64 for OUT.
Occupied Points Per Node	8	Word slave: 16
Communications Function	Remote I/O	Remote I/O Messaging
Transmission Type	Trunk-branch type, free wiring	Trunk-branch type, free wiring + repeater unit
Max. Length of Trunk Line	High-speed Mode (750k): 100 m Long Distance Mode (93.75k): 500 m max. (one trunk)	[Without repeater] 1.5M (w/o branch line): 100 m 1.5M (w/ branch line): 30 m 3M, 4M : 30 m 93.75k: 500 m [With repeater] 1.5M - 4M: Approx. 1.9 km 93.75k: Approx. 32 km (Total of trunk and sub-trunk lines)
Smart Slave Function	Not available.	Available. A slave unit itself can memorize various value-added functions other than ON/OFF.
Network Monitoring	Available. Constant monitoring on illegal participation of an unregistered slave and remote I/O communications error	Available. Constant monitoring on illegal participation of an unregistered slave and remote I/O communications error. In addition, it is possible to gather the data from a host PC or a CPU unit with the messaging.
Unit Error History	Not available.	Available. Up to 64 records are saved to the unit.
Flexible Allocation Area Setting	Not available. Fixed allocation only.	Available. Flexible allocation in the I/O Allocation Area and the Status Area is possible by settings through the software.
Automatic Baud Rate Setting	Not available. When the baud rates are changed, settings of a master and all slaves must be changed.	Available. A slave follows a master automatically.
Slave Registration Function (Non-existent Slave Alert)	Available. If you register slaves in advance, you can find: non-participation of the registered slave unit, delayed startup, and illegal participation of unregistered slave unit.	

Item	Compobus/S	CompoNet
Unit Status Indication	LED only: master status, communications status	LED and 7-segment display: master status, communications status, ongoing error code
Mounting/ Demounting of the Slave I/O Terminal Block	Disabled	Enabled
Communications Stop Mode Setting	Available	Available
Transmission Media	VCTF JIS C 3306 (0.75 x 2-core/ 0.75 x 4-core) , compatible	
	Dedicated flat cable SCA1-4F10 (0.75 x 4-core) Not usable for CompoNet.	- Dedicated flat cable (0.75 x 4-core) - Flat cable I (without sheath) DCA4-4F10 - Flat cable II (with sheath) DCA5-4F10
Terminating Resistor	SRS1-T Not usable for CompoNet.	DRS1-T
Dedicated Tool (For the dedicated flat cable connector)	-	DWT-A01 DWT-A02

[Detailed information on replacement with recommended alternative products]

Replacing with the recommended alternative product involves changing the program and wiring. You can download the replacement guide from our website

(https://assets.omron.eu/downloads/manual/en/v5/p142_from_compobus_s_to_componet_replacement_guide_en.pdf). Please use it.

To use the replacement guide, you need to register with I-Web Members.

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.