

Product Discontinuation Notices

Field Networks

April 4, 2011

No. 2011119E

Discontinuation Notice of Remote I/O Unit (SYSMAC BUS) Series

REQUEST

There was modification in portion of product discontinuation notices of Product News No. 2011119E of 2011 April issue.

We have changed the time in effect. It has been changed to March, 2012 from March, 2013. Please abolish old edition, replace the latest No. 2011119E.

Product Discontinuation



- <Remote I/O Master Unit (Wired and Optical fiber type)>
C500-RM201, C200H-RM201 etc.
- <Remote I/O Slave Unit (Wired and Optical fiber type)>
C500-RT201, C200H-RT201 etc.
- <Remote Interface (wired type)>
G71-IC16 etc. (G71)
- <Remote Terminal (wired type)>
G72C-ID16 etc (G72C)
G730-VID04 etc (G730)
- <Remote Terminal (Optical fiber type)>
B500-IM211 etc. (B500)
- <I/O Link Unit (Wired and Optical fiber type) >
C500-LK010, C500-LK010-P
CQM1-LK501
- <Optical fiber cord>
B500-PF002 (APF),
B500-OF011 (PCF) etc.

Recommended Replacement

Please consider to rebuild the system with CompoNet or DeviceNet networks.

CompoNet

- <Master Unit>
CJ1W-CRM21, CS1W-CRM21
- <Word Slave Units >
CRT1-ID16 etc.
- <Building Block Type Slave>
Smart Slice GRT1 Series, GRT1-CRT

DeviceNet

- <Master Unit>
CJ1W-DRM21, CS1W-DRM21-V1
- <Slave Units>
DRT2-ID16 etc.
- <Building Block Type Slave >
Smart Slice GRT1 Series, GRT1-DRT

Discontinuation date : The end of March, 2012

Caution on recommended replacement

To replace the conventional network with the recommended replacement network, it is necessary to change the PLC, too. It will require large amount of design change works for replacement since network type is different. Please consider to purchase spare units of conventional systems, if your conventional system has operated for a long period. 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
CompoNet DeviceNet	--	-	-	-	-	-	-

** : Fully compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

Product Discontinuation and recommended replacement

Remote I/O Master Unit

Product discontinuation Model	Recommended replacement Model
C500-RM201	CJ1W-CRM21
C200H-RM201	CJ1W-CRM21
C500-RM001-V1 (3G2A5-RM001-EV1)	CJ1W-CRM21
C500-RM001-PV1 (3G2A5-RM001-PEV1)	CJ1W-CRM21
C200H-RM001-PV1	CJ1W-CRM21

Remote I/O Slave Unit

Product discontinuation Model	Recommended replacement Model
C500-RT201	C500-ID218-CRT etc.
C200H-RT201	CRT1-ID16 etc.
C200H-RT202	CRT1-ID16 etc.
C500-RT001-V1 (3G2A5-RT001-EV1)	C500-ID218-CRT etc.
C500-RT002-V1 (3G2A5-RT002-EV1)	C500-ID218-CRT etc.
C500-RT001-PV1 (3G2A5-RT001-PEV1)	C500-ID218-CRT etc.
C500-RT002-PV1 (3G2A5-RT002-PEV1)	C500-ID218-CRT etc.
C200H-RT001-P	CRT1-ID16 etc.
C200H-RT002-P	CRT1-ID16 etc.

Remote Interface (wired type)

Product discontinuation Model	Recommended replacement Model
G71-IC16	CRT1-VID16ML
G71-IC16-3	CRT1-VID16ML
G71-ID16	CRT1-VID16ML
G71-OD16	CRT1-VOD16ML

Product Discontinuation and recommended replacement

Remote terminal (wired type)

Product discontinuation	Recommended replacement
Model	Model
G72C-ID16	CRT1-ID16
G72C-ID16-1	CRT1-ID16-1
G72C-OD16	CRT1-OD16
G72C-OD16-1	CRT1-OD16-1
G72C-VID16	CRT1-ID16
G72C-VOD16	CRT1-OD16
G730-VID04-B	CRT1-ID08
G730-VOD04-B	CRT1-OD08
G730-VID08-B	CRT1-ID08
G730-VID08-1-B	CRT1-ID08-1
G730-VOD08-B	CRT1-OD08
G730-VOD08-1-B	CRT1-OD08-1
G730-VID16-B	CRT1-ID16
G730-VOD16-B	CRT1-OD16
G730-ROC04-B	CRT1-ROS08
G730-ROC04-A-B	CRT1-ROS08
G730-ROC08-B	CRT1-ROS08
G730-ROC16-B	CRT1-ROS08
G730-ZOM04-B	CRT1-ROS08
G730-AOM08-B	CRT1-ROF08
G730-AOM16-B	CRT1-ROF16
G730-RIA04-B	---
G730-RIA04-B	---
G730-RID04-B	---
G730-ZID04-B	---
G730-Y30	---
G730-Y31	---

Remote terminal (Optical fiber type)

Product discontinuation	Recommended replacement
Model	Model
B500-ID001	---
B500-ID001-P (3G5A2-ID001-PE)	---
B500-IM211 (3G5A2-IM211-E)	CRT1-ID08
B500-IM211-P (3G5A2-IM211-PE)	CRT1-ID08
B500-IM212-P (3G5A2-IM212-PE)	CRT1-ID08
B500-IA121 (3G5A2-IA121-E)	---
B500-IA121-P (3G5A2-IA121-PE)	---
B500-OC221 (3G5A2-OC221-E)	CRT1-ROS08
B500-OC221-P (3G5A2-OC221-PE)	CRT1-ROS08
B500-OD411-P (3G5A2-OD411-PE)	CRT1-OD08

I/O Link Unit

Product discontinuation	Recommended replacement
Model	Model
C500-LK010	---
C500-LK010-P	---
CQM1-LK501	---

Product Discontinuation and recommended replacement

Optical fiber cord

Product discontinuation	Recommended replacement
Model	Model
B500-OF011(0.1m) PCF	---
B500-OF031(0.3m) PCF	---
B500-OF051(0.5m) PCF	---
B500-OF101(1m) PCF	---
B500-OF201(2m) PCF	---
B500-OF301(3m) PCF	---
B500-OF501(5m) PCF	---
B500-OF111(10m) PCF	---
B500-OF211(20m) PCF	---
B500-OF311(30m) PCF	---
B500-OF411(40m) PCF	---
B500-OF511(50m) PCF	---
B500-OF002 PCF	---
B500-CO001 (Connector) APF	---
B500-CO002 (Connector) APF	---
B500-PF002 APF	---
B500-PF101(1m) APF	---
B500-PF212(2m) APF	---

Communications Specifications

Product discontinuation	Recommendable replacement												
<p>SYSMAC BUS Wire type</p> <p>Communications cable: 2-core VCTF cable Transmission speed: 187.5 kbps Transmission distance: 200m Max. Maximum number of nodes: (C500) Remote Unit: 8, Remote Terminals: 32 (C200H) Remote Unit: 5, Remote Terminals: 32 Maximum number of words: (C500) 32 words (C200H) Remote Unit: 50 words + Special I/O Remote Terminals: 32 words Topology: Multidrop</p> <p>SYSMAC BUS Optical fiber type</p> <p>Communications cable: APF, PCF, and H-PCF Transmission speed: 187.5k bps Transmission distance:</p> <table border="1" data-bbox="411 1025 842 1191"> <thead> <tr> <th></th> <th>(-P)</th> <th>Without (-P)</th> </tr> </thead> <tbody> <tr> <td>APF</td> <td>20m</td> <td>Not used</td> </tr> <tr> <td>PCF</td> <td>200m</td> <td>800m</td> </tr> <tr> <td>H-PCF</td> <td>100m</td> <td>200m</td> </tr> </tbody> </table> <p>Maximum number of nodes: (C500) Remote Unit: 8, Remote Terminal: 32 (C200H) Remote Unit: 5, Remote Terminal: 32 Maximum number of words: (C500) 32 words (C200H) Remote Unit: 50 words + Special I/O Remote Terminals: 32 words Topology: Daisy chain</p>		(-P)	Without (-P)	APF	20m	Not used	PCF	200m	800m	H-PCF	100m	200m	<p>CompoNet (1.5Mbps)</p> <p>Communications cable: 2-core round cable Transmission speed : 1.5 Mbps Transmission distance : Trunk line 100 m max. (total per system) (300m with repeater units) Maximum number of nodes: Word Slave Units: 64 input and 64 output nodes Bit Slave Units: 128 input and 128 output nodes Repeater Units: 64 nodes Maximum number of words: Out 64 words, In 64 words Topology: Multidrop</p> <p>DeviceNet (125 kbps)</p> <p>Communications cable: Dedicated cable for DeviceNet Transmission speed : 125 kbps Transmission distance : Trunk line 500m max. Maximum number of nodes: 64 Maximum number of words: 2000 words Topology: Multidrop, T-branching</p> <p>Note: Optical cables can not be used with CompoNet and DeviceNet. Please replace the network cable, too.</p>
	(-P)	Without (-P)											
APF	20m	Not used											
PCF	200m	800m											
H-PCF	100m	200m											