

# Product Discontinuation Notice

## List of Recommended Substitute

Issued April 2012

(OMRON In-house Use Only)

There is a possibility that the schedule for product discontinuation will be changed or that other discontinued products will be added later.

This document is a basic information to provide to customers and distributors.

If you provide it as official documents, please edit necessary information (i.e. add re-brand products information, etc.) and issue it under your responsibility.

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# Photoelectric Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Photoelectric Sensors	E3A2 series	E3JM series E3G series	End of March, 2013	
	E3B2-D2 series E3B2-R5/R7 series	E3G-ML79 series E3G-MR19 series	End of March, 2013	
	E3X-NH series	E3X-SD□ series (□:21/51/7/9) E3X-DA□-S series (□:21/51/7/9)	End of March, 2010	The operation methods, and body color are different.
	OAC series	---	End of March, 2010	
Compact Head Amplifier-separated Photoelectric Sensor	E3C series	---	End of March, 2012	
	E3C-WE4 E3C-WH4F	E3C-JC4P	End of March, 2010	The dimensions and mounting dimensions are different. At the change from type E3C-WE4, the control output changes to the open collector type because of the type with built-in the load. At the change from type E3C-WH4F 1. The load power-supply voltage of the control output changes from DC40V to DC24V. 2. It becomes impossible to use with the substitute when the PNP output of the control output is used. Please consult separately.
Reflective Mapping Sensor	E3C-L11M series	E32-09 series + E3X-DA21-S series	End of March, 2011	
Amplifier-separated Photoelectric Sensor (Through-beam Mapping Sensor)	E3C-T1 series	E3X-DA21-S E32-A03-1	End of September, 2008	The dimensions, characteristics and operation methods are different.
Cylindrical Photoelectric Sensors	E3F2-10C4□ (NPN versions)	---	End of October, 2009	
Distance-setting Photoelectric Sensor	E3G-L series	E3Z-LS series	End of March, 2012	
Thin, Compact, Cylindrical Photoelectric Sensor	E3HF series E3HS series E3HT series E3HC series E3HQ series	E3T series	End of March, 2012	
Built-in Power Supply Photoelectric Sensor	E3JK-5□□ series E3JM-10□□ series	E3JK-5□□-N series E3JM-10□□-N series	End of September, 2009	The combination of the floodlight projector and the photoreceiver is not compatible with the production end goods with recommended substitute. The performance might not be correctly demonstrated, and it not operate. Please use the floodlight projector and the photoreceiver by the set.
	E3JK-5D□□-N E3JK-R□M□-E2/-E3 E3JM-10D□4(T)/-10L/-M1J-N E3JM-10D□4-G/-US-N	E3JK-5□□-N E3JK-R□M□ E3JM-10□4(T)-N E3JM-10□4-N	End of March, 2012	
	E3JK-5M□-US	E3JK-5M□-N-US	End of March, 2012	
	E3JK-5M□-US E3JK-DS30M□-US E3JK-R□M□-US	E3JK-5M□-N-US E3JK-DS30M□ E3JK-R□M□	End of March, 2012	for china area only
	E3JM-R3M1-01	E3JM-R4M1	End of March, 2012	
Laser Photoelectric Sensor	E3L series	E3Z-LT series E3Z-LL series	End of March, 2009	The control output, dimensions, and case material are different.
Color Mark Sensor	E3M-V series	E3ZM-V series	End of March, 2012	

# Photoelectric Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Color sensor	E3MC-□□11, 41 series	E3X-DAC□1-S series	End of March, 2010	Released only in Japan. The installation of the sensor head changes greatly about models other than the general-purpose fiber type though the detection performance as the color sensor that identifies a standard color is equal, too. Please examine substitution after examining use conditions enough. The dimensions, the wiring connection, and additionally, there are a lot of changes.
	E3MC-□81 series	---	End of September, 2009	Released only in Japan.
Color Registration Mark Incandescent Photoelectric Sensor	E3ML series (including accessories and Fiber Units)	E3M-VG series (excludes some models) E3X-DAC-S series	End of March, 2008	The control output, light source, material, response time, and dimensions are different.
Photoelectric Sensor with Built-in Amplifier	E3R series (including slit)	E3S-AT series E3S-AR series E3S-AD series (including slit)	End of March, 2008	The control output, operational mode switch, and wavelength are different.
	E3S-B series	E3Z series E3T series	End of March, 2008	The response time, installation position, and wavelength are different.
	E3S-2, -5, -DS, -R, -RS	E3S, E3Z, E3ZMS series	End of March, 2012	
	E3S-2E□, -5E□ E3S-R2□ E3S-DS□	E3Z series	End of March, 2014	
	E3S-5□E4S	E3S-AT21-L/-D E3S-CT11-L/-D	End of March, 2008	The control output and wavelength are different. Model E3S-C series has neither the self-diagnosis output nor the external diagnosis input. Model E3S-A series doesn't have the resistance to oil.
	E3S-5E4S(-M1J)	E3S-AT21(-M1J) E3S-CT11(-M1J)	End of March, 2008	The control output and wavelength are different. Model E3S-C series has neither the self-diagnosis output nor the external diagnosis input. Model E3S-A series doesn't have the resistance to oil.
	E3S-5□E4S(1)-M1J	E3S-AT21-L-M1J E3S-CT11-L-M1J E3S-AT21-D-M1J E3S-CT11-D-M1J	End of March, 2008	The control output and wavelength are different. Model E3S-C series has neither the self-diagnosis output nor the external diagnosis input. Model E3S-A series doesn't have the resistance to oil.
	E3V3 series (including slit)	E3Z series (including slit) E3Z-□□□K series (including slit) E3ZM series E3ZM-C□□□ series	End of March, 2008	The operational mode switch, and wavelength are different.
Built-in amplifier Photoelectric Sensor	E3S-A (Horizontal) series	E3Z series	End of March, 2014	
Transparent bottle sensor	E3R series	E3Z-T/D/R	End of March, 2012	for China area only
Gloss label sensors	E3S-CD63/68	---	End of March, 2012	
Distance-settable photoelectric sensors with metal case	E3S-CL□ series	E3S-CL□ 5M	End of March, 2012	
Transparent bottle sensors	E3S-CR62/67	E3ZM-B□□T	End of March, 2012	
Oil-resistive, Long-range photoelectric sensor with metal housing	E3S-CT11□ series E3S-CT61□ series E3S-CT66□ series	E3S-CT11 5M E3S-CT61 5M E3S-CT66	End of March, 2012	
Small Spot/Mark Sensor with Built-in Amplifier	E3S-GS1 series	E3ZM-V series	End of March, 2012	The NPN output type is changes.
	E3S-GS3□4	E3S-GS3□4	End of March, 2012	
	E3S-VS series	E3ZM-V series E3Z-L series	End of March, 2012	The NPN output type is changes.
Distance-settable Photoelectric Sensor	E3S-LS10X□ E3S-LS20XE4	E3Z-LS□ series E3Z-LL61 series	End of March, 2012	

# Photoelectric Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
PCB Sensors	E3S-LS3C1D-30 E3S-LS3RC4-1 E3S-LS3P□-M5J	E3S-LS3N E3S-LS3N E3S-LS3P□	End of March, 2012	
Transparent Object Detection Sensor	E3S-R□	E3Z-B□ E3ZM-B□	End of March, 2014	
Fiber Photoelectric Sensor	E3S-X series	E3X-NAV series	End of March, 2012	
	E3X-DA11TW/DA41TW E3X-DA6TW/DA8TW	E3X-DA21-S/DA51-S E3X-DA7-S/DA9-S	End of March, 2012	
	E3X-DA6-1 E3X-DA6-1L 1M	E3X-DAT6-S-1 E32-HB05-L 1M	End of March, 2014	Please switch the AMP unit and Optical fiber unit at the same time.
Miniature Photoelectric Sensor with Built-in Amplifier	E3T-SR3□ (2 eyes-Retroreflective type) E39-R37 (Reflector)	E3T-SR4□ (Coaxial-Retroreflective type) E39-R37-CA (Reflector)	End of March, 2010	Because the optical system is different, we will recommend evaluating by customer's use conditions.
Fiber Amplifier	E3X-A series	E3X-NA series E3X-NA□V series	End of March, 2013	
	E3X-A11-8 series	F3UV-XW11-1 series	End of March, 2013	
Hybrid Photoelectric sensor	E3X-DAT6-1 E32-HB01	E3X-DA7-S+E3X-CN21 E32-A03-1	End of September, 2008	The sensor shape and the angle of beam spread are different.
Amplifier Units	E3X-DRT21-S	E3X-DRT21-S VER.3	End of March, 2013	
Fiber Amplifier (with dial)	E3X-F□ E3X-H□ E3X-VG□	E3X-NA□F E3X-NA□ E3X-NAG□	End of March, 2008	The external dimensions are different. There is a model without a self-diagnosis function and an external diagnostic function.
Optical Fiber Glossy Object Sensor	E3X-NL series	E3X-DA-S series E32 series	End of March, 2012	
Fiber Amplifier (teaching type)	E3X-NM series E39-G9	E3X-MDA series ---	End of March, 2012	
Fiber Amplifier Sensor	E3X-NT series E3X-NV series E3X-NVG series	E3X-SD/E3X-DA-S series E3X-DA□□V series E3X-DAC-S series	End of March, 2011	A part of dimensions and etc. are different.
	E3X-NT series E3X-NV series E3X-NVG series	E3X-SD/E3X-DA-S series E3X-DA□□V series E3X-DAC-S series	End of July, 2010	A part of dimensions and etc. are different. For china area only.
CompoBus/S-compatible Sensor Amplifier Terminals	E3X-NT16 E3X-NT26 E3X-NH16 E3X-NM16 E39-JID01	E3X-SD□1(□:2/5) or E3X-DA□1-S(□:2/5)	End of March, 2008	Please connect with shape E3X-SD□1 and sensor terminal type SRT2-ID04, etc. and use it when using it with CompoBus/S. Please connect and use shape E3X-DA□1-S and shape E3X-DRT21-S VER.3 when using it by the conserve wiring.
Grooved Photoelectric Mark Sensor	E3XR Series	E3X-NA series E3X-DAH series + E32-G14	End of March, 2012	
Compact Photoelectric Sensor with Built-in Amplifier	E3Z series Customize type (easy order)	E3Z series 2m/connector type	End of March, 2012	
	E3Z-□□□-ECON(-C) /-G0 E3Z-□□□-#. #M E3Z-□□□-M5J 0.3M E3Z-□□□-G0/S0 Customize type (easy order) E3Z-□□□-G0□ (Emission stop function) E3Z-□□□-G2□ (Light power switching function) E3Z-□□□-J0□ (Self diagnostic function) E3Z-□□□-S0□ (No special specification)	E3Z-□□□ 2M (Pre-wired type) connector type	End of March, 2012	
Accessories	E39-ECON□ E39-□	---	End of March, 2012	
Mounting Brackets	E39-G8 E39-G10	---	End of March, 2012	

# Photoelectric Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Beam checker	E39-VX	E39-VA	End of January, 2012	E39-VA is able not to connect them though E39-VX can connect the E32 fiber unit and the E3C amplifier separation sensor head.
F3C-AA roller conveyor sensor and F3C-AL long distance laser BGS sensor	F3C-AA4□-□(J) F3C-AL□4-M1J	---	End of January, 2009	
Mapping Sensor	F3M-S1225	---	End of March, 2012	
	F3M-S625 F3M-S626 F3M-S825 F3M-S826 F3M-S1213	---	End of October, 2008	
UV Power Monitor	F3UV-A30 series F3UV-A03 series	F3UV-HM series (Head Unit) + F3UV-XW11-1 series (Amplifier Unit) + F32-70 series (Fiber Unit)	End of June, 2011	It becomes a fiber type sensor from the sensor with built-in the amplifier. It is necessary to replace head unit + amplifier unit + fiber unit by the set. Please use protection spiral tube F39-FU1M at the fiber side resin of F32-70.
Amplifier Unit	F3UV-XA series	F3UV-XW11 series	End of March, 2013	
Line Sensor	F3W-A series	F3W-E032A6 F3W-D052A F3SJ-E□□□□N25 series	End of March, 2012	
	F3W-C series	F3W-D052A F3SJ-E□□□□N25 series	End of March, 2012	
Picking Sensor	F3W-B035 F3W-B052	F3W-E032A6 F3W-D052A	End of March, 2010	
	Part of F3W-D series	---	End of March, 2012	
Area Sensor for Workpiece Detection	F3WN-X series	F3SJ-E series	End of March, 2012	
Area Scanner	Part of F3ZN series Part of F3ZP series	---	End of March, 2012	
Picking sensor Accessory (Mounting bracket)	F39-L1 F39-L2	F39-L10, F39-L11 (For type F3W-D) F39-LE1, F39-LE2 (For type F3W-E)	End of March, 2010	
Protective case	OAC-C	---	End of March, 2012	
Reflector for Photoelectric Sensor	OER series	E39-R1 E39-R2	End of March, 2008	
Controller for E3ML Color Registration Mark Incandescent Photoelectric Sensor	S3M-L10 AC100/200	---	End of March, 2008	
	S3M-L10-G 110 VAC	---	End of March, 2008	
	S3M-L10-G 220 VAC	---	End of March, 2008	
Code with connector	Y92E-S08 series	XS3F-E series	End of April, 2008	Released only in Japan.

# Displacement & Measurement Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Contact Displacement Sensor	D5SN-S04-L	ZX-TDS04T-L	End of March, 2012	The change is needed in the amplifier unit as the sensor is changed. The Preamplifier is inserted between the sensor head and the connector of the substitute.
	D5SN-S04-05	---	End of March, 2012	Released only in Japan.
Ultrasonic Sensor	E4B-□F4 (excluding -TS50F4 and -T1F4)	---	End of March, 2008	Released only in Japan.
2D Profile Measuring Sensor	ZG-WDS□ series ZG-WDC□ series	ZG2-WDS□ series ZG2-WDC□ series	End of June, 2010	
2D Profile Measuring Sensor Optional parts	ZG-XC25CR ZG-XC15CR ZG-XC8CR ZG-XC3CR	ZG2-XC25CR ZG2-XC15CR ZG2-XC8CR ZG2-XC3CR	End of June, 2010	
	ZG-XEQ ZG-XC02D	---	End of June, 2010	
Graphic Data Controller	ZP-C20	---	End of March, 2012	Equivalent product: Watanabe Electric G1150-12
Smart Sensors	ZX-SD□	ZX2-LD□, -LDA□ ZX1-LD□	End of March, 2013	
	ZX-WT500 ZX-WDA11	---	End of March 19 2009	Released only in Japan.
Profile Measuring Sensor Console	Z300-KP Series	---	End of March, 2012	
Parallel Beam Line Sensor with Separate Amplifier	Z4LC series Z4LC-S28 Separate-type Sensor Z4LC-S2840 Integrated-type Sensor Z4LC-C28 Controller	ZX-GT series ZX-GT28S11/-GT28S41 Separate-type Sensor ZX-GT2840S11/-GT2840S41 Integrated-type Sensor ZX-GTC11/-GTC41 Controller	End of September, 2008	
Plasma monitors	Z5PM-3□ series Z5PM-FLT□ series Z5PM-FS□ series	---	End of March, 2009	Released only in Japan.
Profile Measuring Sensor Controller	Z500-MC□ Series Z550-MC□ Series	ZG2-WDC□ Series	End of March, 2012	
	Z510-WC□ Series Z5FP-MC□ Series	---	End of March, 2012	
Profile Measuring Sensor ROM Module for Version UP	Z500-PCB□ Series	---	End of March, 2012	
Profile Measuring Sensor Sensor head	Z500-SW□ Series Z550-SW□ Series	ZG2-WDS□ Series	End of March, 2012	
	Z510-SW□ Series Z5FP-SL□ Series	---	End of March, 2012	
Profile Measuring Sensor Sensor Extension Cable	Z519-SC□ Series Z309-SC□ Series	ZG2-XC□CR Series	End of March, 2012	
Laser micrometer, Option	3Z4L V2 series Z49-C series Z4L-BW5V2 Z4L-BG5	3Z4L V3series Z49-C V3series Z4L-BW5V3	End of September, 2009	3Z4L-C6000V2: Wiring connections are different. 3Z4L-C5000V2: The color of the Sensor and wiring connections are different. 3Z4L-S5□□V2: Wiring connections are different. There is no compatibility between the V2 and V3, so replace all options as a set, including the Controller, Sensor Head, and Connecting Cables.

## Vision Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
USB Memory	FZ-MEM256	FZ-MEM1G	End of March, 2008	
Vision Sensors Cameras	FZ-SC5M	FZ-SC5M2	End of July, 2010	
	FZ-S5M	FZ-S5M2	End of June, 2010	
Vision Sensor	FZ3-L35□ series FZ3-7□□ series FZ3-H7□□ series FZ3-9□□ series FZ3-H9□□ series	FZ4-L35□ series FZ4-7□□ series FZ4-H7□□ series FZ4-11□□ series FZ4-H11□□ series	End of September, 2012	It is necessary to verify the operation if the remodeling software before FZ4 is used. Please inquire of the trading company dealing our products including the version up to the remodeling software.
	FZ3-700 (FZ3-700 Z) FZ3-750 (FZ3-750 Z)	FZ4-700 (FZ4-700 Z) FZ4-750 (FZ4-750 Z)	End of September, 2012	It is necessary to verify the operation if the remodeling software before FZ4 is used. Please inquire of the trading company dealing our products including the version up to the remodeling software.
Memory Cards	F160-N128S	F160-N256S	End of October, 2010	Memory capacity are different. (128M Bytes to 256M Bytes)
LED Lighting System	Part of 3Z4S-LT series Part of 3Z4S-LE series	---	End of December, 2012	
Strobe Controller	3Z4S-LT MLEK-C100E1TS	3Z4S-LT MLEK-C100E1TS2	End of November, 2009	

## Microscope

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Digital Fine Scope	VCR800 series	---	End of September, 2008	
	VC7700 series	---	End of September, 2008	

## Proximity Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Separate Amplifier Proximity Sensor	E2C-CR5B E2C-CR5B2	E2E-CR6C1	End of August, 2008	The dimensions, connections, ratings and specifications, as well as operating procedure are different.
	E2CN	---	End of March, 2008	
Separate Amplifier Proximity Sensor with Adjustment Potentiometer	E2C-WH4A E2C-WH4AF	E2C-JC4AP	End of March, 2012	In the case of use PNP output of E2C-WH4A, recommended replacement E2C-JC4AP can not be replaced. This case use E2C-AM4A as the replacement.
Inductive Proximity Sensor	E2CA series	ZX-E series	End of March, 2012	
Aluminum-detecting Proximity Sensor	E2CY-T11	E2CY-SD11	End of October, 2011	
Cylindrical Proximity Sensor	E2E-X□-30SM series	---	End of March, 2012	
	E2EL	E2A	End of March, 2008	
Metal Head Proximity Sensor	E2ES series	E2FM series	End of March, 2008	The sensing distance and response frequency are different.
Proximity Sensor with All-stainless Housing	E2FM-X□-M1GJ-□ Series	E2FM-X□-M1TGJ-□ series	End of March, 2012	
Chemical-resistant Proximity Sensor	E2FQ-X5Y1 E2FQ-X10Y1	---	End of October, 2009	



## Proximity Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Proximity Sensor	E2GA series	---	End of March, 2012	for China area only
	F92A-C□ series F2R-N01□ Series TL-X□□-M1-□	---	End of March, 2012	
	TL-T2E1 TL-T5ME1(5) TL-T5ME2 TL-T5MF1 TL-T□(-□) Excluding the above-mentioned	TL-Q2MC1 TL-Q5MC1(5) TL-Q5MC2 TL-Q5MB1 ---	End of March, 2012	
	TL-X□E□-□	E2E-X□	End of March, 2012	
Flat Proximity Sensor	E2R-A01	TL-W5MC1	End of September, 2011	
Flat Proximity Sensor Accessories	E22-01	---	End of September, 2011	
Smooth Barrel Proximity Sensors	TL-C series TL-X series	---	End of March, 2008	
Rectangular Standard Proximity Sensor	TL-G3D-□ series	---	End of March, 2012	
Compact Proximity Sensor	TL-M series	TL-Q series	End of March, 2012	
Rectangular Standard Proximity Sensor	TL-Q series	---	End of March, 2008	
Inductive Proximity Switch	TL-YS15MB(-US) series TL-YS15MC(-US) series TL-YS15MY(-US) series	E2Q2-N20F1-H E2Q2-N20E1-H E2Q2-N15Y4-U	End of March, 2012	
Proximity Switch	TL-YS15MD11	---	End of March, 2012	

## Microsensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Microsensor	2S5□-□ series 2S6A-A3-C04	---	End of March, 2012	

## Photomicro Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Pushbutton-type Photomicrosensor	EE-SA801R-ECON	EE-SA801R	End of March, 2012	Released only in Japan.
Reflective Photomicrosensor with Sensitivity Adjuster	EE-SB5M Series	EE-SY672 (except the EE-SB5M-F and EE-SB5M-G)	End of May, 2010	The dimensions, mounting method, and wiring method are different.
	EE-SB5V Series	EE-SY672 (except the EE-SB5M-E)	End of May, 2010	The dimensions, mounting method, and wiring method are different.
Slot-type Reflective Photomicrosensor	EE-SPX301-A EE-SPX410	---	End of March, 2012	
Broad Slot-type Photomicro sensor	EE-SPX303 EE-SPX303-1	EE-SPX303N EE-SPX303N	End of March, 2010	
	EE-SPX403	EE-SPX403N	End of March, 2010	
Slot-type Photomicrosensor with Cable	EE-SPX305-W2A 5M	EE-SPX305-W2A 1M	End of March, 2012	
Pipe-mounting Liquid Level Photomicro sensor with Built-in Amplifier	EE-SPX613-3L EE-SPX613-3D	EE-SPX613 * Only for unnecessary IP65 and Clean Code.	End of March, 2010	Released only in Japan.

# Photomicro Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Photomicro Sensor	EE-SPX311 EE-SPX411	EE-SPX613 1M	End of March, 2012	
	EE-SPY405 EE-SPY803-1 EE-SPY804	---	End of March, 2012	
	EE-SPZ301/401 EE-SPZ301W/401series EE-SPZ301Y-01/401Y-01	E3X-SD series (attached TC200 or DC200)	End of March, 2011	The dimensions, mounting method, and wiring method are different.
	EE-SX2088 EE-SX298	EE-SX1088 EE-SX198	End of March, 2012	
	EE-SX214	EE-SX2088 EE-SX1042 EE-SX298	End of June, 2008	
	EE-SX3133 EE-SX212 EE-SX210-P1	---	End of March, 2012	
	EE-SY124 series	EE-SY1200	End of March, 2010	The dimensions and mounting method are different.
	EE-SY125 EE-SY125-1	EE-SY1200	End of March, 2010	The dimensions and mounting method are different.
	EE-SY190 EE-SY191	---	End of March, 2009	
	EE-SY201 EE-SY202	---	End of March, 2009	
	EE-SY202-C EE-SY202-EP	---	End of March, 2012	
Slot-type Photomicrosensor with connector or pre-wired models (Non-modulated)	EE-SX470□P series EE-SX470B	EE-SX67□P series EE-SX670B	End of March, 2012	
	EE-SX67□-C1J-R series EE-SX67□P-C1J-R series EE-1016-R-1 2M	EE-SX97□-C1 series EE-SX97□P-C1 series EE-1017-R 1M / 3M EE-SX673 EE-SX673P EE-1010-R 1M / 2M	End of March, 2012	
Photomicrosensor with Slim Cable (Non-modulated)	EE-SX77□-ECON □M series EE-SX77□A-ECON □M series EE-SX87□-ECON □M series EE-SX87□A-ECON □M series	EE-SX77□ 2M series + E-CON EE-SX77□A 2M series + E-CON EE-SX87□ 2M series + E-CON EE-SX87□A 2M series + E-CON	End of March, 2012	Recommended connector: XN2A-1470 (OMRON)
Compact Pre-wired Photomicrosensor with Built-in Amplifier (Non-modulated)	EE-SX91□P-C1J-R 0.3M series	EE-SX91□P-R 1M series	End of March, 2012	
Accessories	EE9-L01 EE9-L02	---	End of March, 2012	
Multi-Beam Sensor	EY3A-3051 EY3A-3051-A EY3A-308 EY3A-312	EY3A-1051 EY3A-1051-A EY3A-1081 EY3A-112	End of March, 2011	The dimensions, mounting method, and wiring method are different.

## Rotary Encoders

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Incremental 25-mm-dia. Rotary Encoder Incremental 40-mm-dia. Rotary Encoder	E6A2 series with 10m shielded cable. E6B2 series with 10m shielded cable.	E6A2 series with 0.5m shielded cable. E6B2 series with 0.5m shielded cable.	End of March, 2012	
Multi-turn Absolute Rotary Encoder	E6C-N series	---	End of March, 2012	
Low-cost Encoder with Diameter of 50 mm	E6CP-AG5C-C 10M	E6CP-AG5C-C 2M	End of March, 2012	
Slim Incremental 50-mm-dia. Rotary Encoder	E6C2 series with 10m shielded cable.	E6C2 series with 2m shielded cable	End of March, 2012	
Slim Encoder with Diameter of 50 mm	E6C3 series with 10m shielded cable.	E6C3 series with 1m shielded cable	End of March, 2012	
Absolute 60-mm-dia. Rotary Encoder	E6F series with 10m shielded cable.	E6F series with 2m shielded cable.	End of March, 2012	
Easy Scale Linear Encoder	E6L series	---	End of March, 2012	
Rotary Encoder	Z99W-09 Z99W-10B Z99W-10C	---	End of March, 2012	

## Ultrasonic Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Ultrasonic Sensor	E4A-3K-02A	---	End of March, 2012	
	E4B Series	E4B Series (cable length: 2M )	End of March, 2012	The difference point of Product Discontinuation models and recommended replacement is only the cable lengths.
Ultrasonic Proximity Sensor	E4C Series	E4E2 Series	End of March, 2012	The composition of the sensor is changed from separable amplifier type to built-in amplifier type.
Ultrasonic Displacement Sensor	E4DA Series	E4PA-LS50-M1-N	End of March, 2012	The composition of the sensor is changed from separable amplifier type to built-in amplifier type.
Reflection Ultrasonic Sensors	E4R-2 (Controller) E4R-A (Sensor) E4R-SP (Reference Pulse Unit)	---	End of March, 2008	
Collision prevention Sensors	F2G series	---	End of March, 2009	Released only in Japan.

## Pressure Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Pressure Sensor	E8AA-M05 20M E8AA-M10 20M	E8AA-M05 2M E8AA-M10 2M	End of March, 2012	
	E8MS series E8M series	E8F2 series	End of March, 2012	
	E8Y-□-F□ series	---	End of March, 2012	
	E80-C E80-C2	E8M-MP8	End of March, 2009	Released only in Japan.
Slim Digital Pressure Sensor	E8CB-01C 2M E8CB-CN0C2B 2M	E8F2 series	End of March, 2012	
Slim Pressure Sensor	E8EB-01B 2M E8EB-01C 2M E8EB-10B 2M E8EB-10C 2M E8EB-10C 5M E8EB-N0B2B 2M E8EB-N0C2B 2M	E8F2 series	End of March, 2012	
MEMS COMPO	E8Y-A2Y-D E8Y-A2Y-RD E8Y-A5Y-D E8Y-A5Y-RD E8Y-A5Y-RH E8Y-A2C-D E8Y-A2C-RD E8Y-A5C-D E8Y-A5C-RD E8Y-A2C-H	E8Y-A2Y E8Y-A2Y-R E8Y-A5Y E8Y-A5Y-R E8Y-A2C E8Y-A2C-R E8Y-A5C E8Y-A5C-R	End of March, 2008	

## Data Loggers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Data Loggers	ZR-MDR10A ZR-ISV02 ZR-VC08 ZR-BNC08	---	End of March, 2010	Released only in Japan.
Portable Multi Logger	ZR-RX20A/RX40A ZR-RX20A-□/RX40A-□ ZR-RX20V/RX40V	ZR-RX25A/RX45A ZR-RX25A-□/RX45A-□ ZR-RX25V/RX45V	End of December, 2010	

## Vibration and Inclination Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Inclination Sensor	D5R (ON/OFF Model)	---	End of March, 2008	

## Tilt Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Tilt Sensor	D6B-□	D6BN-1(P)	End of April, 2008	
Micro Tilt Sensor	D6BN-1 series	---	End of March, 2012	

## Mass Flow Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Air Filter Sensor	D6A-N	D6F-04A1-000	End of March, 2009	

## Touch Sensor

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Touch Sensor	B6TW series B6TY series B6TS-08NF-□□□□ B6TS small packages	---	End of March, 2011	

## Level Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Electrode Bands	F03-05 3P/4P/5P F03-06, F03-07, F03-08 F03-09, F03-10	PH-1, PH-2	End of March, 2010	Electrode Bands tip should be covered with end cap by using F03-10 Adhesive for keeping water from entering. F03-10 Adhesive was confirmed that is controlled item in export. It is proved that is impossible to buy this item in the overseas.

## Basic Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
General Miniature Basic	D2RW series	D2VW-01 series	End of March, 2008	
	D3K series	---	End of March, 2008	
	K series	VX-5 series V-10 series	End of March, 2008	
General-purpose Basic Switch	Part of Z series, X series	Contact the Division in charge for details.	End of March, 2009	

## Limit Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Miniature Limit Switch	Part of D4C series Part of HL series	Contact the Division in charge for details.	End of March, 2009	
	Part of D5A series	Contact the Division in charge for details.	End of March, 2009	Released only in Japan.
	HL-5000TC HL-5301 HL-5032 HW-N1	HL-5000, WLH2-TC HL-5300, WLNJ-RP HL-5030, WLH12 HW-N	End of October, 2009	Released only in Japan.
General-purpose Limit Switch	HL-5201	HL-5200	End of March, 2013	The external dimensions, operating and characteristics are different.
Connector	Part of SC series	Contact the Division in charge for details.	End of March, 2009	
Explosion-proof Limit Switch	WLFX series	---	End of March, 2008	
	WLF2 series	---	End of March, 2008	
Multiple Limit Switch	ZB series	VB series	End of March, 2008	The external dimensions, operating characteristics and Ratings are different.
Enclosed Switch	Part of ZE series	Contact the Division in charge for details.	End of March, 2009	

## Push Buttons/Indicator Lamps

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Push Buttons	A165K, A16S, A165W, A3PJ, M16, Part of M2PJ	Contact the Division in charge for details.	End of March, 2010	Released only in Japan.
Pushbutton Switch	A22-6D□ A22-24AS□ A22L-□□-6D-□□□ A22W-□□□-6D-□□ M22-□□-6D	A22-6A□ A22-24A□ A22L-□□-6A-□□□ A22W-□□□-6A-□□ M22-□□-6A	End of January, 2009	
	Part of A3K series	Contact the Division in charge for details.	End of March, 2008	
	Part of A3P series Part of A3S series Part of M22 series Part of M2BJ series	Contact the Division in charge for details.	End of March, 2009	
	Part of 1VAP series	Contact the Division in charge for details.	End of March, 2009	
Emergency Stop Switch	A22-6DR A22-24ASR A22EL-M-6D-□□	A22-6AR A22-24AR A22EL-M-6A-□□	End of January, 2009	
Indicator	Part of M2K series	Contact the Division in charge for details.	End of March, 2008	
	Part of M2P series	Contact the Division in charge for details.	End of March, 2008	

## Tactile Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Ultra-low Profile Dome Key	B3D-4112 B3D-5112	---	End of October, 2012	
Ultra-low Profile Dome Array	B3DA series	---	End of October, 2012	

## DIP Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
DIP Switch	A6S-□□10□ A6S-□10□-P/-PM	A6S-□□10□-H A6S-□10□-PH/-PMH	End of September, 2008	

## Industrial Manual Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Pushbutton Switch	A9P-061 (Yellow button)	---	End of March, 2012	
	A9P□□-□□3□ (With button) A9P21-□□□□ (Alternate DPDT) A9P11-0033-W (With white button)	A9P□□-□□1□+A9P-071 (Red button) A9P11-□□□□ (Alternate SPDT) A9P11-0013+A9P-011 (White button)	End of March, 2012	
Slide switch	A9S11-□□2□ (With boot) A9S□2-□□□□ (ON-OFF-ON)	A9S11-□□1□ (Bootless) A9S□1-□□□□ (ON-ON)	End of March, 2012	
Toggle switch	A9T□□-□□2□ (Flat actuator) A9T□□-□□□4 (Bracket mounting) A9T21-0034 (Long actuator & Bracket mounting)	A9T□□-□□1□ (Standard actuator) A9T□□-□□□1 (DIP terminal) A9T21-0011 (Standard actuator & DIP terminal)	End of March, 2012	
	A9T□□-□□□□-□ (Anti-Electrostatic)	---	End of March, 2012	

## Safety Application Controllers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Safety Relay Unit	CS1W-SF200	G9SA-301	End of March, 2012	
	G9S series	G9SA series	End of March, 2012	
	G9SC-320-CNP4F	G9SP-N20S	End of March, 2012	
Safety I/O terminal	DST1-ID12SL-1-SM DST1-MD16SL-1-SM DST1-MRD08SL-1-SM	DST1-ID12SL-1 DST1-MD16SL-1 DST1-MRD08SL-1	End of March, 2010	
Muting Controller	F3SP-U2P	G9SP-N20S	End of December, 2011	
Safety Controller	F3SX series	G9SP series	End of March, 2012	
Safety Network Controller	NE1A-SCPU01	NE1A-SCPU01-V1	End of April, 2009	Upgraded version.

## Safety Door Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Guard Lock Safety-Door Switch	Part of D4BL series	D4NL series	End of March, 2012	
	D4JL-1□□□-□-□ D4JL-3□□□-□-□	D4JL-4□□□-□-□	End of March, 2012	Conduit size is different.
	D4NL-□□□□C-□ D4NL-□□□□J-□	D4NL-□□□□A-□ D4NL-□□□□G-□	End of March, 2012	Solenoid rated voltage and characteristics are different.
Safety-Door Switch	Part of D4BS series	D4NS series	End of March, 2012	
	D4NS-3□□ D4NS-5□□ D4NS-7□□ D4NS-9□□	D4NS-4□□ D4NS-1□□ D4NS-4□□ D4NS-9□□F	End of March, 2012	Number of conduit and conduit size are different.
Safety-Door Hinge Switch	D4NH-3□□□ D4NH-5□□□ D4NH-7□□□ D4NH-9□□□	D4NH-4□□□ D4NH-1□□□ D4NH-4□□□ D4NH-4□□□	End of March, 2012	Number of conduit and conduit size are different.
Controllers	D40B-J1 D40B-J2	G9SX-NS202-□ G9SX-NSA222-T03-□	End of March, 2011	
Sensors (Switches/Actuators)	D40B-1□□□ series D40B-2□□□ series D40B-3□□□ series	D40A-1C□ series	End of March, 2011	

## Safety Limit Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Safety Limit Switch	D4B-□□81N D4B-□□87N D4B-□□00N D4B-00□□N D4B-000□N D4B-1112N	---	End of March, 2012	
	D4B-1□□□N D4B-3□□□N D4B-5□□□N D4B-6□□□N D4B-7□□□N D4B-8□□□N D4B-□3□□N D4B-□6□□N D4B-□B□□N D4B-□□1RN	D4B-4□□□N D4B-4□□□N D4B-4□□□N D4B-2□□□N D4B-4□□□N D4B-4□□□N D4B-□1□□N D4B-□5□□N D4B-□A□□N D4B-□□16N	End of March, 2012	
	D4N-3□□□ D4N-5□□□ D4N-7□□□	D4N-4□□□ D4N-1□□□ D4N-4□□□	End of March, 2012	
	D4N-3□80, D4N-3□87 D4N-5□80, D4N-5□87 D4N-6□80, D4N-6□87 D4N-7□80, D4N-7□87 D4N-8□80, D4N-8□87 D4N-3□RE, D4N-3□LE D4N-5□RE, D4N-5□LE D4N-6□RE, D4N-6□LE D4N-7□RE, D4N-7□LE D4N-8□RE, D4N-8□LE	---	End of March, 2012	
Pull-reset Safety Limit Switch	D4N-3□□□R D4N-5□□□R D4N-7□□□R	D4N-4□□□R D4N-1□□□R D4N-4□□□R	End of March, 2012	

## Safety Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Safety Light Curtain Accessory (Extension Cable)	F3S-B series F39-JB□A series	F3SR-430B series F39-JD□A series	End of March, 2010	Dimensions and mounting dimensions are different.
Safety Light Curtain	Part of F3SJ-A	F3SJ-E/B series F3SJ-A series	End of March, 2012	
	F3SL-A series	MS4800A-30 series	End of March, 2010	
	F3SN series	F3SJ-E/B series F3SJ-A series	End of March, 2012	
Single-beam Safety Sensor	F3SS series	PA46 series	End of March, 2012	
Safety Light Curtain Accessory (Single-end connector cord)	F39-JL series	MS4800-CBL series	End of March, 2010	
Accessory	F39-LLK	---	End of March, 2012	

## Emergency Stop Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Emergency Stop Switch	A165E-MY series A165E-MGR series	A165E-SY series A165E-SGR series	End of March, 2012	
	A22E-MK series A22E-SK series A22E-LP series	--- --- A22E-MP series	End of March, 2012	



## Presence Detection Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Mat Controller	D9M-CD1	MC3	End of December, 2009	
Safety Mat	D9M-M series	UM(Y)M5 series	End of December, 2009	Because D9M series does not have any compatibility with UM series, please replace the mat, the controller and other accessories like trim in sets.
Trim	D9M-T series	UM series	End of December, 2009	
Safety Laser Scanner	OS3101 series F39-RS2 series	OS32C series	End of March, 2012	

## Safety Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Relays with Forcibly Guided Contacts	G7S series	G7S-E series	End of March, 2013	
Safety Relays	G7SB series	G7SA series	End of March, 2012	
Sockets	P7S series	P7S-E series	End of March, 2013	

## General Purpose Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Latching Relay	G2A-US series G2AK-US series	MY(Q)4Z series MY2K series	End of March, 2011	
Power Relay	G5LB	G5LA	End of March, 2008	
General-purpose Relay	MK-I/-S series	MK-S series (New models)	End of March, 2009	

## Contactors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
No fuse Breakers	ABE series ABS series EBE series EBS series	---	End of March, 2009	Released only in Japan.
Breaker Accessories	AX series AX1 series AX2 series AL series AL1 series AL2 series XL series ST series UV series TBS series TBL series TBT series T1 series D series E series N series X series	---	End of March, 2009	Released only in Japan.

# Contactors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Contactor	J7AN series	---	End of March, 2013	Equivalent product: Mitsubishi Electric Corp. Contactor SD-Q series Please ask Mitsubishi Electric about the details of recommended replacement.
	J7ARN series	---	End of March, 2013	Equivalent product: Mitsubishi Electric Corp. Contactor SD-QR series Please ask Mitsubishi Electric about the details of recommended replacement.
	J7L series J7S series J7TL series	---	End of March, 2009	Released only in Japan.
	J7T series	---	End of March, 2013	Equivalent product: Mitsubishi Electric Corp. Contactor TH-N12 series Please ask Mitsubishi Electric about the details of recommended replacement.
	J73 series	---	End of March, 2013	Equivalent product: Mitsubishi Electric Corp. Contactor UQ-AX2 series Please ask Mitsubishi Electric about the details of recommended replacement.
Auxiliary Relays	J7L-BR series	---	End of March, 2009	Released only in Japan.
Contactor Accessories	J74L series J73L series	---	End of March, 2009	Released only in Japan.

# Solid-state Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Three-phase, 3-wire Motors	G3JA series	---	End of March, 2012	Equivalent product: Rockwell Automation Smart Motor Controllers SMC-3 series
Three-phase Hybrid Soft Starter	G3JA-D series	G3JA-C series	End of March, 2009	
Solid-state Relays	G3M-102PL series G3M-202P(L) series	G3MC-102PL series G3MC-202P(L) series	End of March, 2011	
	G3MB series	G3MC series	End of March, 2011	
	G3NA-□□□B series	G3NA-□□□B-2 series	End of January, 2012	The change of the structure is needed, and externals (heat plate shape on the back) and outside dimension change.
	G3NH	G3PH	End of March, 2012	
	G3PB series	G3PE series	End of March, 2010	
	G3PB-C series	G3PF-225B	End of March, 2010	
	G3TC Series	---	End of March, 2013	Equivalent product: Opto 22 IAC, IDC, OAC series Please ask Mitsubishi Electric about the details of recommended replacement.
	HM series SDW series SF series SW series	---	End of March, 2008	
Solid State contactors	G3PB-2(N)/-3(N) series	G3PE-2(N)/-3(N) series	End of March, 2010	
Thyristor Module	G32A-N series	---	End of March, 2013	
Accessories	G32J series	---	End of March, 2012	Equivalent product: Rockwell Automation Smart Motor Controllers SMC-3 series

## Power Controllers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Power Controllers	G3PX Single-phase series	G3PW series	End of March, 2012	
	G3PX-DC, DH, DU Series	---	End of March, 2012	
Single-phase Power Controller	G3PX-EC, EH(N), EUN Series	G3PW Series	End of March, 2012	
Thyristor module	G32X series	---	End of March, 2013	

## PCB Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Mini Relay	G6A4 series	G6A2 series	End of September, 2010	
Micro-Relay	G6H series	G6K series G6S series	End of September, 2010	
High frequency Relay	G6W series	---	End of September, 2010	
Coaxial Relay	G9YA series	---	End of September, 2010	
Micro Reed Relay	LA series LAB series LAD series	---	End of March, 2013	Released only in Japan.

## Signal Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Signal Relay	G3VM-22CO G3VM-22FO	G3VM-62C1 G3VM-62F1	End of September, 2008	
	G3VM-3L G3VM-3FL	G3VM-2L G3VM-2FL	End of September, 2008	
MOS FET Relay	G3VM-353□1 series G3VM-354□1 series G3VM-355□ series	G3VM-353□ series G3VM-354□ series G3VM-355□R series	End of March, 2013	On current reduction rate become a little bit high and switching time slow slightly. Others are fully compatible with replacement products.
	G3VM-41□R3 series G3VM-41□R7 series	G3VM-41□R6 series	End of March, 2013	On current reduction rate and capacity between outputs become a little bit high. Others are fully compatible with replacement products.
High-Frequency Relay	G6Y series	G6Z-1PE-A or G6Z-1PE	End of March, 2013	The size of G6Z is smaller than G6Y. The recommended replacement is different by characteristic impedance (G6Z-1PE-A : 50Ω, G6Z-1PE : 75Ω)

## Power Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Power Relays	G6C-□□□□P(-FD)-US-SV	G6C-□□□□P(-FD)-US	End of March, 2013	Deregister of SEV certification. Alternate products have TÜV certification for EN/IEC standard.

## Automotive Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Automotive Relays	G2M-112□T series	G8HN-1C2T series	End of March, 2012	External dimensions are different. Material of case is plastic. Terminal sequence is different. Connector (socket) is changed. Characteristics of N.C side are different. Released only in Japan.
	G2M-11□P series	---	End of March, 2012	Released only in Japan.
	G2M (S,B,N,W,X) series	G8HN series	End of March, 2012	External dimensions and Terminal sequence are different. For detail specification, please contact our sales representative. Released only in Japan.
	G2MT-112□T series	G8HN series	End of March, 2012	External dimensions are different. Material of case is plastic. Terminal sequence is different. Connector (socket) is changed. Characteristics of N.C side are different. For detail specification, please contact our sales representative. Released only in Japan.
	G4L-KZ1	---	End of March, 2012	Released only in Japan.
	G4L-112□T series	G8MS series	End of March, 2012	External dimensions are slightly different. Released only in Japan.
	G8H-1A□P (included -UA) series G8H-1□□T (included -UA) series	G8HL series G8HN series	End of March, 2012	External height dimensions are different. For detail specification, please contact our sales representative.
	G8H-1C□P (included -UA) series	---	End of March, 2012	
	G8PA	---	End of March, 2012	Released only in Japan.

## Timers and Time Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Motor Timer	H2C H2C-S H2C-8R H2C-R H2C-SR	H5CZ-L8, -L8D	End of March, 2013	
	H2C-F Series H2C-FR Series H2C-F-S Series H2C-FR-S Series	---	End of March, 2012	
	H2C-8	H3CR-A8E	End of March, 2013	
	H2C-8 AC115V B H2C-FR AC240V B	H2C-8 AC115V C H2C-8R AC240V B	End of March, 2010	
	H2C8R AC115V A	H2C8R AC110V A	End of March, 2012	Power supply voltage is different. Be careful of overvoltage supply.
Solid-state Multi-function Timer	H3DE series	H3DK series	End of April, 2011	
	H3DEZ series	H3DKZ series	End of April, 2011	
Solid-state Timer	H3Y series	H3Y-C series	End of November, 2011	
Digital Time Switches	H4KV-DSA	H4KV-DSA-R	End of March, 2010	Released only in Japan.
Digital Timer	H5BR series	H5CX series	End of March, 2008	The terminal arrangement and external dimensions are different.
	H5CX-A□ H5CX-L8□ H5CX-BWSD	H5CX-A□-N H5CX-L8□-N H5CX-BWSD-N	End of March, 2010	
Hook for H2A-Y	PHC-3	---	End of March, 2008	
Open-circuit time delay relay	RD2P-30 series	H3CR-H8RL series	End of March, 2013	

## Timers and Time Switches

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Soft front cover	Y92A-48C	Y92A-48D	End of March, 2008	The external dimensions is different.
Terminal cover for H□CL and H□CR	Y92A-48T	---	End of March, 2008	
Soft front cover for H□BR	Y92A-72F	Y92A-72F1	End of March, 2008	Two Hold-down Clips are included as accessories.
Panel Cover	Y92P-48GM	Y92P-48GL Y92P-48GB	End of June, 2012	
Interchangeable battery for H2E-M time-switch type	Y92S-14	---	End of March, 2008	
Rechargeable Battery	Y92S-22	---	End of March, 2008	

## Counters

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Electromagnetic Counter Compact Electromagnetic Counter	CSK CSKE	H7EC-NV, -NFV	End of March, 2013	
Electromagnetic Counter	CSKE-□□ (all specifications) CSKE-□□ (all specification except for 24-VDC)	CSKE-□□ (24-VDC)	End of March, 2010	
	CSK4 6 VDC, 48 VDC type CSK6 6 VDC, 48 VDC type	CSK4 12 VDC, 24 VDC type CSK6 12 VDC, 24 VDC type	End of March, 2009	
Digital Counter	H7BR series	H7BX series	End of March, 2008	The wiring connection method and specifications are different.
Digital Counter/Tachometer	H7CX-A□ H7CX-R□	H7CX-A□-N H7CX-R□-N	End of March, 2010	
Soft front cover for H7A	Y92A-72B	---	End of March, 2008	

## Cam Positioners

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
USB Cable	Y92S-40	---	End of June, 2010	Equivalent product: ELECOM CO. LTD U2C-MF20BK If you can't purchase recommended replacement, please purchase commercially available USB cable that attached ferrite core.
CamPositioner Expansion Unit	3F88L-E53	H8PS-32AF H8PS-32BF	End of March, 2010	It is necessary to 2 unit "H8PS" for replacement of the set "3F88L-155" with "3F88L-E53". Then, when two "H8PS" is used, a "Parallel Input Adapters" "Y92C-30" is necessary. Cam output specification is max 64 used by two "H8PS". And when Controller is replaced "3F88L-155" with "H8PS", the Sensor is required to change from Resolver to Encoder.
Cam Positioner	3F88L-155 3F88L-P5A	3F88L-162	End of March, 2008	Applications with 32 points or more. The 3F88L-162 cannot be used as a substitute when connected to the M7E.

# Temperature Controllers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Modular Temperature Controller	EJ1N-HFUA-NFLK-301	EJ1N-HFUA-NFLK	End of March, 2009	Released only in Japan.
Temperature Logger	ES5	---	End of March, 2008	An equivalent product is available from CHINO Corporation. Released only in Japan.
Digital Temperature Controller	E5AK series E5EK series E5CK series (24 VAC/DC models)	E5AN-H series E5EN-H series E5CN-H series (100-240 VAC models)	End of March, 2008	
Temperature Controllers	E5AK series E5CK series E5EK series	E5AN-H/-HT series E5CN-H/-HT series E5EN-H/-HT series E5ER-DRT	End of March, 2012	
Temperature Controller	E5CN-FRMT-500 AC100-240 E5CN-FR2MT-500 AC100-240	---	End of March, 2009	
	E5CSZ series	E5CSL series E5CWL series	End of September, 2011	
	E5CSZ series	E5CSL series E5CWL series	End of March, 2012	WP except for OEZ-ML
	Part of E5C2 series	E5CS series	End of July, 2012	The manner of operation is different.
	E5ZN-70 series	EJ1 series	End of June, 2012	Released only in Japan.
	E53-CN series	E53-CN□□N2 series E53-CZ series	End of December, 2008	
Basic-type Digital Temperature Controller	E5GN-□□□TC E5GN-□□□P	E5GN-□□□T (Thermocouple and platinum resistance thermometer can be switched by parameters) (Sale schedule in October 2009)	End of March, 2010	
Electronic Thermostat	E5L-A□□ series	E5L-A □ series (This series has been under development and will be released after April 2009.)	End of June, 2009	Model name will be changed, due to free input of power supply voltage.
	E5L-AS□/AX□ B□/BS□/BX□	E5L-C□ E5CS-RGU-W	End of March, 2010	
Thermo Tools	Part of E5ZE series	EJ1 series	End of April, 2011	
Multi-point Temperature Controller	E5ZF series	EJ1N	End of March, 2009	Released only in Japan.
Digital Controller Board	E5ZM	EJ1N	End of March, 2008	Released only in Japan.
Terminal cover for E5□J	E53-COV02 E53-COV03 E53-COV04	---	End of March, 2008	
Recorder for E55A	Fuse, shunt resistor, etc.	---	End of March, 2009	Contact Yokogawa Electric for information on the recommended substitute product. Released only in Japan.

# Digital Panel Indicators

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Digital Panel Meter	K3TF-V□18 K3TF-A□18 K3TE-V□18 K3TE-A□18	---	End of March, 2008	Due to small sales

## Signal Converters

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Signal Converters	K3FM-B□□ series	---	End of March, 2010	Equivalent product: M2BD Released only in Japan.

## Telecom Supervision

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Telecom Supervision	K5M-FA	---	End of March, 2011	Released only in Japan.
	K5P-YA177 series	---	End of March, 2011	Released only in Japan.
	K5P-1 K5P-2	---	End of March, 2010	Released only in Japan.
	K5P-81 K5P-82	---	End of March, 2011	Released only in Japan.
	K5S series	---	End of March, 2011	Released only in Japan.

## Support Software & Peripheral Devices

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
CV support software	CV500-ZS3DV1-V2 CV500-ZS3PC1-V2	CXONE-AL01D-V4	End of March, 2012	CX-One Ver.4 is upward-compatible with CV support software functionally. But CV SFC cannot be supported by CX-One Ver.4.
FA Integrated Tool Package	CXONE-AL□□C/D-□V2	CXONE-AL□□□-V4 CXONE-AL□□□-V4-UP	End of March, 2009	
	CXONE-AL01C-V3 CXONE-AL01C-V3-UP	CXONE-AL01C-V4 CXONE-AL01C-V4-UP	End of September, 2010	Upgraded version.
Peripheral interface unit	C200H-IP006	---	End of March, 2012	
C500 P-ROM writer	C500-PRW06	---	End of March, 2012	
CV series ME-NET I/F support pack	FIT10-ZW3F11-V1	---	End of March, 2012	
CV series support card	FIT20-MC601	CXONE-AL01D-V4	End of March, 2012	
Serial Gate Box	ITNC-SGB01-E	---	End of September, 2008	
Version up Edition	NS-CXDC1-V1 NS-CXDC1-V1S NS-CXDC1-V2 NS-CXDC1-V2S	NS-CXDC1-V3	End of July, 2011	Upward compatible
FA Integrated Tool Package CX-One	NS-CXDC1-V3 NS-CXDC1-V3S	CXONE-AL01C-V4 CXONE-AL01D-V4	End of March, 2013	This announcement is only for Single package edition of CX-Designer. Other packages such as integrated package of CX-One or Sysmac Studio are continuously manufactured including CX-Designer.
	WS02-PSTC1-E WS02-PSTC1-J	CXONE-AL01C-V4	End of September, 2010	Upward compatible
Memory	ROM-IB	---	End of April, 2011	
SYSMAC-NCT Position Control Unit Support Software	WS01-NCTF1-E(J) WS01-MCTC2-EV2	CXONE-AL01D-V4	End of April, 2011	
CX-Programmer	WS02-CXPC1-E-V73	CXONE-AL□□□-V4 CXONE-AL□□□-V4-UP	End of March, 2009	CX-Programmer included in CX-One is version-up product, so upward compatible. Japanese and English product model become the same.
	WS02-CXPC1-V8□□□ WS02-CXPC1-V8S□□□	CXONE-AL□□□-V4 CXONE-AL□□□-V4-UP	End of September, 2010	Upward compatible
CX-Programmer (Micro PLC Only)	WS02-CXPC2-V8 WS02-CXPC2-V8S	CXONE-LTOIC-V4 CXONE-LTOIC-V4-UP	End of March, 2010	CX-Programmer (for Micro PLC) Ver.9 is upward compatible product for CX-Programmer (for Micro PLC) Ver.8.
	WS02-CXPC2-V9 WS02-CXPC2-V9S	CXONE-LTOIC-V4 CXONE-LTOIC-V4-UP	End of September, 2010	Upward compatible

# Support Software & Peripheral Devices

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
CX-Programmer for CPIO	WS02-CXPC3	CXONE-LT01C-V4	End of September, 2010	Upward compatible
CX-Process Tool	WS02-LCTC1-EV5 (S) WS02-LCTC1-JV5 (S)	CXONE-AL01C-V4	End of March, 2009	
Face Plate Auto-Builder for NS	WS02-NSFC1-EV3 WS02-NSFC1-JV3	CXONE-AL□□□□-V4 CXONE-AL□□□□-V4-UP	End of March, 2009	
Analog I/O Unit Support Software	WS02-PUTC1-E series WS02-PUTC1-J series	CXONE-AL01C-V4	End of March, 2009	
CX-Simulator Ver.1.9	WS02-SIMC1-E□□□ WS02-SIMC1-J□□□	CXONE-AL□□□□-V4	End of September, 2010	Upward compatible

## Programmable Controllers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
SECS Unit	AMS-SECS-A AMS-SECS-B AMS-SECS-C AMS-SECS-D	---	End of March, 2008	Released only in Japan.
Programmable Controllers	ATTO Series	CJ2M Series CJ1W Series	End of March, 2012	
	CQM1H Series CQM1 Series	CJ2M Series CJ1W Series	End of March, 2012	
	CS1W-DRM21-V1(M) CJ1W-DRM21(M)	CS1W-DRM21-V1 CJ1W-DRM21	End of September, 2008	Released only in Japan.
	CVM1-CPU21-EV2	CJ2M-CPU15 CS1G-CPU45H	End of March, 2012	
	NSJ5-□Q0□(B)-M3D NSJ5-□Q0□(B)-G5D	NSJ5-□Q1□(B)-M3D NSJ5-□Q1□(B)-G5D	End of April, 2010	Completely Compatible.
	SCY-CRT	---	End of April, 2011	
CJ1G/H Series CPU Unit	CJ1G-CPU4□H CJ1H-CPU6□H(-R)	CJ2M-CPU1□ CJ2H-CPU6□	End of March, 2012	Replacement of PLCs will require a amount of design change works (PLC Programming, unit setting, and so on).
SYSMAC CJ-series High-speed Data Storage Unit	CJ1W-SPU01 CS1W-SPU01 CS1W-SPU02 WS02-SPTC1-V1	CJ1W-SPU01-V2 CS1W-SPU01-V2 CS1W-SPU02-V2 WS02-SPTC1-V2	End of March, 2010	
Linear Sensor Interface Unit	CQM1-LSE01 CQM1-LSE02	CJ1W-MAD42	End of March, 2009	The external dimensions, wiring, and functions are different. Replacement of the entire system including the CPU Unit, Power Supply Unit, and program are required.
Programming Consoles	CQM1-PRO01-E	C200H-PRO27-E	End of April, 2011	
Inner Boards	CQM1H-ABB21	---	End of April, 2011	
SYSMAC CS1 Board	CS1PC-PCI01-DRM	CS1PC-PCI01H-DRM	End of September, 2008	Released only in Japan.
Controller Link Unit	CS1W-CLK□□-V1 CJ1W-CLK21-V1	CS1W-CLK□3 CJ1W-CLK23	End of July, 2012	
Ethernet Unit (10BASE-5)	CS1W-ETN01(10BASE-5)	CS1W-ETN21(100BASE-TX/10BASE-T)	End of July, 2012	
Loop Control Unit	CS1W-LC001	CS1W-LCB05	End of March, 2012	
Module Interface Unit	CV500-MIF01 T1000H-MIF02 T200H-MIF01-V1	CJ1W-DRM21 CS1W-DRM21-V1	End of March, 2012	
Analog Input Units	C200H-AD001	CJ2/CS1 Series	End of March, 2012	
SYSMAC Pro-Con Base	C200H-BP001 C200H-BP002	---	End of March, 2008	
Analog Output Units	C200H-DA001	CJ2/CS1 Series	End of March, 2012	



# Programmable Controllers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Memory Unit	C200H-ME431, etc.	---	End of March, 2008	
	C2000-MP201	---	End of March, 2012	
Triac Output Unit	C200H-OA222V	C200H-OA224	End of May, 2010	
Power Supply Units	C200H-PS221-C	C200H-PS221	End of June, 2010	C200H-PS221 doesn't have CE certification. (C200H-PS221-C: CE certification)
	C200HW-PD106R	C200HW-PD024/025 + S8VS-09024	End of January, 2012	Released only in Japan.
Training kit	C200HE-ETL11 C200HE-ETL12	---	End of May, 2009	Released only in Japan.
Bus Connection Unit	C200HW-CE011 C200HW-CE012	---	End of July, 2012	Bus Connection Unit (C200HW-CE011, C200HW-CE012) are not needed for CJ2M series.
PC Card Unit	C200HW-PCU01	CJ2M-CPU15	End of July, 2012	
Controller Link Support Software	C200HW-ZW3AT2-EV2	CXONE-AL01D-V4	End of July, 2012	
High-Speed Counter Unit	C500-CT012	C500-CT021	End of March, 2010	
	C500-CT041	C500-CT021	End of March, 2010	
FUZZY Unit	C500-FZ001 C200H-FZ001 C500-SU981-E	---	End of March, 2009	
Position Control Units	C500-NC222, -NC222-E	CJ1W-NC214 CS1W-MC221-V1	End of April, 2011	Replacement of PLCs will require a amount of design change works (PLC Programming, unit setting, wiring and so on).
Thermocouple Input Module for C500(F)/C1000H(F)/C2000H series	C500-TS501	CS1W-PTS11 (four thermocouple inputs) CS1W-PTS55 (eight thermocouple inputs)	End of March, 2008	Replacement of the entire system including the CPU Unit is required. Released only in Japan.
Remote I/O terminal	G71-IC16 12 VDC G71-OD16 12 VDC G72C-ID16-1 DC12 V G72C-OD16 DC12 V	G71-IC16 24 VDC G71-OD16 24 VDC G72C-ID16-1 DC24 V G72C-OD16 DC24 V	End of March, 2008	The specifications are different.
Open Network Controller	ITNC-EIS01 ITNC-EIS01-DRM ITNC-EIS01-CST ITNC-EIX01 ITNC-EIX01-DRM ITNC-EIX01-CST	ITNC-EPX01 ITNC-EPX01-DRM ITBC-CST01	End of March, 2010	
	ITNC-TG1Q-EF ITNC-DK1Q-ECD ITNC-DK1Q-E1L ITNC-DK1Q-E5L ITNC-DK1Q-E10L	---	End of March, 2010	
Programmable Controller	NSJ□-□□□□(B)-M3D NSJ□-□□□□(B)-G5D Some models	NSJ□-T□□1(B)-G5D	End of September, 2012	Completely Compatible.
IC RAM	RAM-G	---	End of March, 2008	
H-PCF Optical Fiber Cable with SYSNET Connector	S3200-CN□□□-□□-62, etc.	---	End of March, 2008	Optical fiber cable(H-PCF) for SYSNET.
CX-Process Monitor series	WS02-LCMC1 series WS02-LCTK1 series	---	End of March, 2012	
Controller Link Support Board (ISA-bus)	3G8F5-CLK21-E	3G8F7-CLK23-E	End of July, 2012	
SYSMAC LINK Support Board (for ISA bus)	3G8F5-SLK21 3G8F5-SLK22 3G8F5-SLK21-E	3G8F7-SLK21 3G8F7-SLK21-E	End of March, 2008	Compatible computers and computer communications driver software are different.
Controller Link Support Board	3G8F7-CLK□□-EV1	3G8F7-CLK□3-E	End of July, 2012	

# Field Networks

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Twisted-pair Cable	B200-TW101 etc.	---	End of March, 2012	
Optical fiber cord	B500-CO□□□□ B500-OF□□□□ B500-PF□□□□	---	End of March, 2012	
Remote Terminal (Optical fiber type)	B500-IA121(-P), -ID001(-P) B500-IM21□(-P) B500-OC211(-P), -OD411-P	--- CRT1-ID08 CRT1-ROS08, -OD08	End of March, 2012	
G730 Interface Unit	CQM1-G7M21 (Master) CQM1-G7N01/ 11(Expansion Master)	CJ1W-CRM21	End of March, 2012	
Bit Slave Units with e-CON Connectors	CRT1B-ID02SP CRT1B-ID02SP-1 CRT1B-ID04SP CRT1B-ID04SP-1 CRT1B-OD02SP CRT1B-OD02SP-1	CRT1B-ID02JS CRT1B-ID02JS-1 CRT1B-ID04JS CRT1B-ID04JS-1 CRT1B-OD02JS CRT1B-OD02JS-1	End of March, 2011	Dimensions, mounting dimensions, protective construction and I/O connector are different. Various smart functions will be not supported.
Bit Slave Units with Clamp Terminal Blocks	CRT1B-MD04SLP (-1)	CRT1B-MD04JS (-1)	End of March, 2011	Dimensions, mounting dimensions, protective construction and I/O connector are different. Various smart functions will be not supported.
Remote I/O Master Unit	CV500-RM211 (Optical type) CV500-RM221 (Wire type)	CJ1W-CRM21 CS1W-CRM21	End of March, 2012	
Remote I/O Slave Unit	CV500-RT211 CV500-RT221	CRT1-ID16 etc.	End of March, 2012	
I/O Link Unit (Wired and Optical fiber type)	C500-LK010(-P) CQM1-LK501	---	End of March, 2012	
Remote I/O Master Unit (Wired and Optical fiber type)	C500-RM201 C200H-RM201 etc.	CJ1W-CRM21	End of March, 2012	
Remote I/O Slave Unit (Wired and Optical fiber type)	C500-RT201 3G2A5-RT□□□(-EV1)(-PEV1) C200H-RT□□□(-P)	C500-ID218-CRT etc.  CRT1-ID16 etc.	End of March, 2012	
Open Network for High-Speed Control	DCN4-TR4-1	DCN4-TR4	End of March, 2010	
CompoNet Peripheral Devices	DCN5-TR4 DCN5-BR4 DCN5-TM4 DWT-A02	DCN4-TR4 DCN4-BR4 DCN4-TM4 DWT-A01	End of March, 2011	Degree of protection of recommended replacement is IP20. Applicable cable of recommended replacement is Flat Cable I (DCA4-4F10). Flat Cable II (DCA5-4F10) is not applicable. Connector Plug or Connector Socket of DCN5 series are not connected to Connector. Plug of DCN4 series.
DeviceNet	DRT1-ARM21	---	End of March, 2010	Equivalent product: FC2LA-DL (Fuji Electric FA Components & Systems Co., Ltd.)
General slaves	DRT1-B7AC	DRT2-HD16C	End of March, 2009	
	DRT1-HD16S DRT1-ND16S	DRT2-ID16S DRT2-MD16S	End of March, 2009	
	DRT1-ID/OD08(-1) DRT1-MD16	DRT2-ID/OD08(-1) DRT2-MD16	End of March, 2009	
	DRT1-ID/OD16X(-1)	DRT2-ID/OD16MLX(-1)	End of March, 2009	
	DRT1-MD32B DRT1-MD32B-1	DRT2-MD32B DRT2-MD32B-1	End of March, 2009	
I/O Link Unit	DRT1-DRT21	DRT2-MD32ML	End of March, 2013	Released only in Japan. It needs it by 2 pieces for the replacement.
Environment-resistive slaves	DRT1-ID/OD04CL(-1) DRT1-ID/OD08CL(-1) DRT1-ID/OD08C DRT1-HD/WD/MD16C(-1)	DRT2-ID/OD04CL(-1) DRT2-ID/OD08CL(-1) DRT2-HD/WD/MD16C(-1)	End of March, 2009	
Transistor Remote I/O Terminals	DRT1-ID16 DRT1-ID16-1 DRT1-OD16 DRT1-OD16-1	DRT2-ID16 DRT2-ID16-1 DRT2-OD16 DRT2-OD16-1	End of March, 2011	

## Field Networks

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
General Slave Unit	DRT2-□D32SL series	DRT2-□D32SLH series	End of March, 2009	
Remote Terminal (Wired type)	G700-E Series	CRT1-VID32ML, -VMD32ML	End of March, 2012	
Expansion I/O Terminal Cable for expansion	G700-TID04 G700-TOD04 G700-CN050	XWT-ID08 XWT-OD08 ---	End of March, 2012	
Remote I/O Terminal (Wired type)	G700-U Series	GRT1-ID, OD, MD Series	End of March, 2012	
Remote Interface (wired type)	G71-IC16, -ID16, -OD16 G72C-ID16, -OD16, VID16, -VOD16 G730 Series	CRT1-VID16, -VOD16 CRT1-ID16, OD16 CRT1 Series	End of March, 2012	
CompoBus/S	SRT1-TID04S SRT1-TKD04S SRT1-XID04S SRT1-XKD04S	---	End of March, 2008	
DeviceNet Analyzer	WS02-ALDF-J WS02-ALDF-E	WS02-ALDC1-J WS02-ALDC1-E	End of March, 2009	Released only in Japan.
NX-Server	WS02-NXD□ series	WS02-NX□C1 series	End of March, 2009	Released only in Japan.
DeviceNet VME Master Boards	3G8B3-DRM21 3G8B3-DRM21-E	3G8F7-DRM21 3G8F7-DRM21-E	End of March, 2009	Equivalent product: Woodhead SST-DN3-VME-1
CompoBus/S Master Board (VME Board)	3G8B3-SRM00 3G8B3-SRM01	3G8F7-CRM21 3G8F8-CRM21	End of March, 2012	Released only in Japan.

## Wireless Components

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Wireless Components	K5D-0800	---	End of March, 2010	Released only in Japan.
	K5D-0800-S K5D-BAT1	---	End of March, 2012	Released only in Japan.
	TP401 series	---	End of March, 2013	Released only in Japan.
DeviceNet Wireless Units	WD30 series	---	End of March, 2013	
Wireless remote control	WK30 series WK30-A series	---	End of March, 2013	Released only in Japan.
ID remote control	WK31 series	---	End of March, 2013	Released only in Japan.
Wireless Modem	WM21 series	WE70 series	End of March, 2012	Released only in Japan.
Wireless SSModem	WM30 series	WE70 series	End of March, 2012	Released only in Japan.
FA Wireless SS Terminals	WT30 series	---	End of March, 2013	

# Programmable Terminals

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Option Battery for C500-DT series	C500-BAT10	---	End of March, 2011	
Programmable Terminal	NP-NPDC0-V1	NB-Designer	End of March, 2013	
	NP5-MQ000 NP5-MQ000B NP5-MQ001 NP5-MQ001B NP5-SQ000 NP5-SQ000B NP5-SQ001 NP5-SQ001B	NB5Q-TW00B	End of March, 2013	
	NSJ5-SQ01-DRM NSJ5-TQ01-DRM	NSJ5-SQ01-M3D NSJ5-TQ01-M3D	End of March, 2008	
	NS5-□Q0□□-V2 series NSH5-SQ□00B-V2 series	NS5-□Q1□□-V2 series NSH5-SQ□10B-V2 series	End of July, 2009	Released only in Japan.
	NT600M-FK210 NT600M-IF001 NT600M-MP251 NT600M-MR151 NT600M-MR251 NT600M-SMR01-V1 NT600M-SMR02-V1 NT600M-SMR03-V1 NT600M-SMR31 NT600M-SMR32 NT600M-SMR01-EV1 NT600M-SMR02-EV1 NT600M-SMR31-E NT600M-SMR32-E	---	End of March, 2008	Communication program and screen data memory are included in the hardware which is to be migrated. (Some communication methods or functions are not supported.)
NP3 series Main body	NP3-MQ000 NP3-MQ000B NP3-MQ001 NP3-MQ001B	NV3Q-MR21 (for RS-232C) NV3Q-MR41 (for RS-422A/485)	End of August, 2010	
USB Host Cable (For a printer)	NS-US52 NS-US22	---	End of July, 2012	
B7A I/F unit for NT30	NT-B7A16	---	End of March, 2009	
C200H I/F unit for NT600S	NT-LB122	---	End of March, 2009	
Host link unit for NT600S	NT-LK204	Host link function and hardware is embedded in NS8.	End of March, 2009	The functionality of the Host Link Unit is built into the NS8 substitute model.
NT series support tool	NT-ZA3AT-EV2 (English, DOS) NT-ZA3DV-V2 (Japanese, DOS/V)	CXONE-AL□□□-□V□	End of March, 2009	
	NT-ZA3PC-V2 (Japanese, PC98)	---	End of March, 2009	
Version up Edition	NT-ZJCAT1-EV4S NT-ZJCMX1-V4S	NT-ZJCAT1-EV4 NT-ZJCMX1-V4	End of March, 2013	This software is a special edition of version up for NT series support tool EV4.
Cable for C200H I/F	NT20M-CNP□□1	---	End of March, 2009	
Function key unit for NT20M	NT20M-FK210	---	End of March, 2009	
Anti-glare sheet	NT20M-KBA04	NT20-KBA04	End of March, 2011	
Extended I/O unit for NTM	NT20M-MD212	---	End of March, 2009	
System ROM for NT20M	NT20M-SMR□□(-E)	System software of NT20-ST121/ST128 (Noreplacement to NT20M-SMR03)	End of March, 2009	
Spare backlight	NT31C-CFL01	---	End of March, 2012	
Spare parts for programmable terminal	NT600M-KBA01 NT600M-KBA03 NT600M-KBA11 NT600M-KBA12 NT600M-KBA13 ROM23-15B	---	End of March, 2013	
	NT631C-CFL01	---	End of March, 2013	

## Programmable Terminals

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
RS-232C/Host link unit for NT20M/600M/61□	NT600M-LK201	Including each new products to be migrated.	End of March, 2009	
RS-422 unit for NT20M/600M/61□	NT600M-LK202	Connection CJ1W-CIF11 to the RS-232C port of migrated model.	End of March, 2009	
SYSBUS unit for NT20/20M/600M/61□	NT600M-RT121	---	End of March, 2009	
BUS/2 unit for NT20M/600M/61□	NT600M-RT221	---	End of March, 2009	
Backlight for NT610C Dust cover for NT610C	NT610-CFL01 NT610C-KBA01	---	End of March, 2009	
Backlight Unit for NT series	NT610C-CFL02	---	End of March, 2011	
Chemical proof cover for NT612G	NT612G-KBA01	---	End of March, 2010	
Spare backlight for NT631C-ST141	NT631C-CFL02	---	End of March, 2013	
Screen data memory	ROM22-20B	---	End of March, 2012	

## IT Products and Software Components

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
SYSMAC Compolet	SCPL-SYS-2003 SCPL-SYS-2003E SCPL-SYSFL-2003 SCPL-SYSFL-2003E SCPL-SYSFL-L10	WS02-CPLC1 WS02-CPLC1-L10	End of March, 2012	Upward compatible
IT Products and Software Components	SCPL-SYSFL-V2E	WS02-CPLC1	End of April, 2012	upward compatible
	SFGW-RT-V3E SFGW-SDK-V3E	WS02-SGWC1 WS02-SGWC1S	End of April, 2012	upward compatible
Fins Gateway	SFGW-RT-2003 SFGW-RT-2003E SFGW-RT-2003L10 SFGW-SDK-2003(E)	WS02-SGWC1 WS02-SGWC1-L10 WS02-SGWC1S	End of March, 2012	Upward compatible

## RFID Systems

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
AC adaptor for chargers for V600-A7525S Handy terminal	V600-ACA1051	---	End of October, 2008	
Large-capacity battery for V600-A7525S Handy terminal	V600-AWA3002	V680-A-WA3006	End of October, 2008	
Standard charger for V600-A7525S Handy terminal	V600-AWA3220	V680-A-CA1053	End of October, 2008	
Multi-functional charger for V600-A7525S Handy terminal	V600-AWA4102	V680-A-WA4003	End of October, 2008	
Handy Terminal (English OS) recommended for use with V600-CH1D-PSI	V600-A7525S-EG	V680-A-7527S-G2-EG	End of October, 2008	
Handy Terminal (English OS/ Set model) recommended for use with V600-CH1D-PSI	V600-A7525S-EG-S	V680-A-7527S-G2-EG-S	End of October, 2008	
Handy Terminal (Japanese OS) recommended for use with V600-CH1D-PSI	V600-A7525S-JP	V680-A-7527S-G2-JP	End of October, 2008	Released only in Japan.
Handy Terminal (Japanese OS/ Set model) recommended for use with V600-CH1D-PSI	V600-A7525S-JP-S	V680-A-7527S-G2-JP-S	End of October, 2008	Released only in Japan.
Holder	V600-A81	---	End of March, 2012	Released only in Japan.
Cover	V600-A87	---	End of March, 2012	Released only in Japan.

# RFID Systems

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
RFID controllers	V600-CD1D-V3 V600-CM1D	V600-CA5D01	End of October, 2008	
RFID tab and accessory	V600-D2KR16(tag) V600-A81(Holder) V600-A87(Cap)	V600-D8KR12(tag)	End of March, 2009	
Data Carriers	V600-D2KR16	V600-D8KR12	End of March, 2012	Released only in Japan.
RFID Systems	V600-IDSC02 V600-IDSC04 V600-H12 series	V600-CA5D02 --- V600-H11 series	End of March, 2012	
	V640-HAM11-V2 V640-HAM11-V2-1	V640-HAM11-V3	End of October, 2011	
	V670 series	V680 series	End of March, 2012	
	V680-D1KP58HT	V680-D1KP58HTN	End of March, 2013	
	V690-D8KR01A V690-L01 V690-A□□	---	End of September, 2010	
	V690-HMG01A	---	End of September, 2009	
	Part of V700 series	---	End of September, 2010	
	V700-CD1D-V3(Controller) V700-CD2D-V3(Controller) V700-H01(Antenna)	Contact the Division in charge for details.	End of May, 2008	
	4S2VR-SH series(Accessory)	---	End of March, 2012	Released only in Japan.
	4S2VR-V720-BC5D1 4S2VR-V720-BC5C1 4S2VR-V720-HS01	V680-CA5D01-V2 V680-H01-V2 V680-A40-W series	End of March, 2010	Released only in Japan.
	4S2VR-V720-BC5D4A 4S2VR-V720-HS04 4S2VR-V720-A41 4S2VR-V720-A51 4S2VR-V720-A62	---	End of March, 2010	Reader writer of correspondence in ISO/IEC18000-3(15693) Released only in Japan.
	Part of 4S2VR-V720-D13P series	---	End of March, 2010	Inlet/card type tag of correspondence in ISO/IEC18000-3(15693) Released only in Japan.
	Part of 4S2VR-V720-D13P series	---	End of March, 2012	Released only in Japan.
	4S2VR-V720-HMC73 4S2VR-V720-HMC73T 4S2VR-V700-A30	---	End of March, 2010	Module type reader writer of correspondence in ISO/IEC18000-3(15693) Released only in Japan.
	4S2VR-V720-HMF01	V680-CHUD series	End of March, 2010	Released only in Japan.
	4S2VR-V720-KR series	---	End of March, 2012	Released only in Japan.
	4S2VR-V750 series 4S2VR-V740-A01 series	V750 series V740-A01 series	End of March, 2010	Released only in Japan.
	4S2VR-V750-D22M series	---	End of March, 2010	Inlet of correspondence in ISO/IEC18000-6 TypeC Released only in Japan.
Amplifier Unit	V640-HAM12	V640-HAM11-L	End of October, 2012	
Protective Cover	V670-A75SY8046 V670-A75SH155S	---	End of March, 2011	
CF Reader/Writer	V670-CF01	---	End of March, 2011	
Handy Terminal	V680-A-7527S-G2-JP V680-A-7527S-G2-JP-S V680-A-7527S-G2-EG V680-A-7527S-G2-EG-S	V680-A-7527S-G3-JP V680-A-7527S-G3-JP-S V680-A-7527S-G3-EG V680-A-7527S-G3-EG-S	End of March, 2011	
RFID System Controller	V680-CA1D V680-CA2D	V680-CA5D01-V2	End of March, 2008	Upgraded version.
	V680-CA5D01 V680-CA5D02	V680-CA5D01-V2 V680-CA5D02-V2	End of March, 2008	Upgraded version.
RFID Antenna	V680-H01	V680-H01-V2(preliminary)	End of September, 2008	Upgraded version.
Conversion Cable	V700-P10	---	End of March, 2012	
Handy Terminal (Sharp)	4S2VR-SH-RZN156S 4S2VR-SH-SRZN156S	V680-A-7527S-G2-JP V680-A-7527S-G2-JP-S	End of March, 2010	Released only in Japan.

## Code Readers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Laser Marker	MX-SL475K MX-SL475KD MX-SL577A2	MX-V1000 MX-V1050	End of March, 2010	Released only in Japan.
	MX-SL576A	---	End of March, 2010	Released only in Japan.
	MX-SL578A series MX-SL579A series	MX-V1000 MX-V1050	End of March, 2012	Released only in Japan.
Code Readers	4S2VL-LE series	MX-V1000 series	End of March, 2009	Released only in Japan.

## Frequency Inverters

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Compact Low-noise Inverter	3G3EV-AB□□□-□□□ 3G3EV-A2□□□-□□□ 3G3EV-A4□□□-□□□	3G3EV-A2□□□ 3G3EV-A4□□□ 3G3EV-AB□□□	End of March, 2008	
	3G3EV-AB□□□R-□ 3G3EV-A2□□□R-□ 3G3EV-A1□□□R-□	---	End of March, 2008	
	3G3EV-A1□□□□	---	End of March, 2012	
SYSBUS Interface Card	3G3IV-PSIG	---	End of March, 2008	
Compact Simplified Inverter	3G3JV-A□	3G3JX-A□	End of March, 2011	
Multi-function Compact Inverter	3G3MV-A□	3G3MX2-A□	End of March, 2011	
	3G3MX-A□□□□	3G3MX2-A□□□□	End of March, 2012	
EMC-conforming Input Noise Filter	3G3MV-PRS□□□□V series	---	End of March, 2011	Equivalent product: Schaffner company EMC-compatible Noise Filter (FS248□ Type)
SYSDRIVE 3G3RV High-function General-purpose Inverters	3G3RV-□□□□□	3G3RV-□□□□□-V1	End of March, 2008	
High-function General-purpose Inverter	3G3RV-□□□□□-V1	3G3RX-□□□□□	End of March, 2012	
Inverter	3G3RX-A4750 3G3RX-A4900 3G3RX-A411K 3G3RX-A413K	3G3RX-B4750 3G3RX-B4900 3G3RX-B411K 3G3RX-B413K	End of April, 2009	

## Servomotors / Servo Drivers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Position Driver (DIO Type) Position Driver (CompoBus/S Type)	FND-X□ FND-X□-SRT	SYSMAC Position Control Unit + OMNUC G series AC Servo Motors / Drivers	End of March, 2010	
AC Servo Driver	R7D-AP□	R7D-BP□ R88D-GT□	End of March, 2012	
	R7D-ZP01H R7D-ZP02H R7D-ZP04H R7D-ZP08H	R7D-BP01H R7D-BP02HH R7D-BP04H R88D-GT08H	End of March, 2012	
AC Servomotor	R7M-A□	R88M-G□	End of March, 2012	
E-series Servomotor Maintenance Brushes	R88A-BET75 R88A-BE120 R88A-BE120-S1 R88A-BE300 R88A-BE300-S1 R88A-BE300-S2 R88A-BE500 R88A-BE60	---	End of March, 2008	Released only in Japan.

## Servomotors / Servo Drivers

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Parameter Unit	R88A-PR02U	R88A-PR02G	End of October, 2011	
	R88A-PR03U	---	End of October, 2011	
External Regeneration Resistor	R88A-RR22047S	R88A-RR22047S1	End of March, 2012	
Mounting Brackets	R88A-TK01U R88A-TK02U	R88A-TK01G R88A-TK02G R88A-TK03G	End of October, 2011	
AC Servo Drives AC Servomotor	R88D-W□ R88M-W□	R88D-K□ R88M-K□	End of March, 2013	<ul style="list-style-type: none"> <li>When using the recommended Replacement Products, all of the motor, driver and cables need to be changed.</li> <li>When using the recommended replacement products, parameter settings are required.</li> </ul>
AC Servo Motor AC Servo Driver	R88M-U□ R88D-U□	R88M-G□ R88D-G□	End of March, 2010	
SINGLE AXIS POSITIONER(For DeviceNet)	3F88M-DRT141 3F88M-PRO01	CJ1W-NC234	End of March, 2010	The external dimensions, wiring, and functions are different. Replacement of the entire system including the CPU Unit, Power Supply Unit, and program are required.
Speed Override Unit for OMNUC N115 1-axis Positioner	3F88M-ID20	---	End of March, 2008	
Position Setting Unit for OMNUC N115 1-axis Positioner	3F88M-ID70	---	End of March, 2008	

## Power Supplies

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Switching Power supply	S8JC-□□□□□	S8JC-Z□□□□□C S8JC-Z□□□□□CD	End of September, 2009	
	S8PS series	S8VM series	End of March, 2008	
	S82R series	S8JX series	End of April, 2011	The replacement of the S82R series become the combination of 2 units for S8JX series.
	S82W-102 S82W-103	S8VS-12024A/ AP S8VS-09024A /AP	End of April, 2011	
Switch Mode Power supply	S8JX-□□□□□□□	S8JX-G□□□□□□□	End of December, 2009	
	S82J series	S8JX series (S8VM-10015□□ for 100W (15V) model)	End of September, 2010	Dimensions and mounting dimensions are different.
	S82J-□D7 series	S8JX series (There is no recommended replacement for 100W (15V) model.)	End of September, 2010	Dimensions and mounting dimensions are different.
	S82K series	S8VS series (S8JX-G01515CD for 15V output models)	End of March, 2011	Dimensions and wire connection are different.
Mounting Brackets for S82H/F/G	Part of S82Y-□□□□ series	---	End of March, 2009	Released only in Japan.
Parallel circuit Brackets for S82L	S82Y-L15A	---	End of March, 2009	Released only in Japan.



## UV-Light Curing Systems

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Controller	ZUV-C10	ZUV-C30H	End of June, 2010	
Head Unit	ZUV-H10 ZUV-H20	ZUV-H10M ZUV-H30M	End of June, 2010	
	ZUV-H10M ZUV-H20M ZUV-H25M ZUV-H30M ZUV-H35M ZUV-H30M-1	ZUV-H10MB ZUV-H20MB ZUV-H25MB ZUV-H30MB ZUV-H35MB ZUV-H21MB	End of March, 2012	
	ZUV-H40M	ZUV-H30M (Head Unit) + ZUV-L2H (Lens Unit)	End of December, 2010	Model ZUV-H20M and Model ZUV-H10M are available for use or attachment instead of Model ZUV-H30M.
UV-Light Curing Systems	ZUV-H30H	ZUV-H30M	End of June, 2010	
Lens unit	ZUV-L4 ZUV-L6 ZUV-L8	ZUV-L4H ZUV-L6H ZUV-L8H	End of June, 2010	
Smart Curing System Extension Cable	ZUV-XC1B	ZUV-XC2B	End of March, 2012	Released only in Japan.
Extension cable	ZUV-XC2A	ZUV-XC2B	End of June, 2010	

## Air Cleaning / Static Electricity Components

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Air Cleaning / Static Electricity Components	ZJ-BA series	ZJ-BAS series	End of June, 2009	
Cleaning Tool	ZJ9-BA-CT01	---	End of April, 2011	
Ionizers for Air Clean Unit	ZN-J25 ZN-J41	ZN-J25A and ZN9-JC02 (I/O cable) ZN-J41A and ZN9-JC02 (I/O cable)	End of March, 2012	
Air Particle Sensor	ZN-TH11C-SE	ZN-TH11C-S	End of March, 2012	Released only in Japan.
	ZN9-PD□□T-S ZN9-PD□□T-SE ZN9-PD□□C-SE	ZN9-PD□□C-S	End of March, 2012	Released only in Japan.
	ZN9-TH11C-SE ZN9-TH11T-S ZN9-TH11T-SE	ZN9-TH11C-S	End of March, 2012	Released only in Japan.
Connector Cable for ionizer unit	ZN9-JC05 ZN9-JC10	ZN9-JC02	End of March, 2012	The difference between the discontinued product and the recommended replacement is just cable length.

## Measuring / Motor Protective Relays

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Ground Fault Relay	AGD-N4 AGD-NY4 AGD-N42	AGD-N5 AGD-NY5 AGD-N52	End of March, 2010	Released only in Japan.
	K6EL-LT22	K6EL series (2 pieces) + K8AB-TH series (2 pieces)	End of March, 2009	The shape and mounting dimensions are different. Released only in Japan.
	K6EL-L4	K6EL series (4 pieces)	End of March, 2009	The shape and mounting dimensions are different. Released only in Japan.
	K6EL-R50 K6EL-R50B K6EL-R500	---	End of March, 2010	Released only in Japan.
Measuring/Motor Protective Relays	K2CG-A-F1	---	End of April, 2011	
	K8AB-□□□-J series AC24V/DC24V	K8AB-□□□-J seriesAC24V/DC24V	End of May, 2008	Released only in Japan.
Universal Motor Controller	K2MR	K2MR-□X	End of March, 2008	Upgraded version. Released only in Japan.
Single-phase Voltage Relay	K8AB-AS□ 24 VDC, 24 VAC K8AB-VS□ 24 VDC, 24 VAC K8AB-VW□ 24 VDC, 24 VAC	K8AB-AS□ 24 VAC/DC K8AB-VS□ 24 VAC/DC K8AB-VW□ 24 VAC/DC	End of March, 2008	24-VAC/DC Power Supplies, upwardly compatible.
Single-phase Current Relay	K8AB-AS□-J 24 VDC, 24 VAC K8AB-VS□-J 24 VDC, 24 VAC K8AB-VW□-J 24 VDC, 24 VAC	K8AB-AS□-J 24 VAC/DC K8AB-VS□-J 24 VAC/DC K8AB-VW□-J 24 VAC/DC	End of March, 2008	24-VAC/DC Power Supplies, upwardly compatible. Released only in Japan.
Digital Heater Element Burnout Detector	K8AC-H1 series	K8AC-H2 series	End of March, 2009	The method of wiring for the terminal is changed.
Zero-phase Current Transformer	OTG-CN22	---	End of March, 2010	Released only in Japan.
	OTG-PXO20	OTG-N68	End of March, 2010	Released only in Japan.
Voltage Sensor	SDV-F□1 SDV-D□□1	---	End of March, 2011	
Zero-phase Voltage Detection Unit	VOC-3S	VOC-1MS2	End of March, 2012	

## Power Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Power sensors	KM20-A series KM20-CT050 series	KM20-B series KM20-CTF-50A series	End of March, 2010	

## Wiring Systems

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Sensor I/O connector	XS2F/H/W-□□□□-□□□-A, -R XS5F/H/W-□□□□-□□□-A, -R, -CL3	XS2F/H/W-□□□□-□□□-F XS5F/H/W-□□□□-□□□-F	End of September, 2012	

## Optical Transmitting Components

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Connector for optical fiber	Z3C-TD1	---	End of March, 2010	Equivalent product: Sumitomo electric industries, Ltd IAT-4000
Optical Transmitting Components	Z3R Z3G Z3A□ Z3F2	---	End of March, 2012	

## Inspection System

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Desktop Portable PCB Inspection System	VT-RNS-PT-M4 (-DB, -DC, -NB, -NC)	VT-RNS2-PT-M3(-D,-N)	End of October, 2011	

## Board to FPC Connectors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
0.4mm-Pitch Board to FPC Connectors	XB4A series XB4B series	---	End of March, 2013	Equivalent product: Panasonic Electric Works Co.Ltd. F4: AXK7L series, AXK8L series Please contact trading company about AXK7L series, AXK8L series.
FPC Connectors	XF2A series	---	End of March, 2013	Equivalent product: DDK Ltd. FF12 series Please contact trading company about FF12 series.
	XF2C series XF2K series	---	End of March, 2013	
	XF2R-□□15-4A/4A-P/ 4AZ/S011 XF2L-□□25/□□35-1DL XF2M-□□15-1DL	XF2L-□□25/□□35-1A XF2M-□□15-1A/-1A-R100	End of March, 2009	

## Board to Cable Connectors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Board to Cable Connectors	Part of XW4E series	---	End of March, 2013	Released only in Japan.

## Board to Board Connectors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Din Connectors	XC2A/B/C/D/E/F/G/H series	XC5A/B/C/D/E/F/G/H series	End of March, 2011	
	XC2N-0212 XC2S-9613	---	End of March, 2011	

## External Connections

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
D-sub Connectors	XM2A XM2D	XM3A XM3D	End of September, 2012	
	Part of XM2C Part of XM2F	XM3C XM3F	End of December, 2011	
	XM2Z-003□ XM2Z-005□	---	End of September, 2012	
D-sub Connrctors(socket)	XM2B series	XM3B series	End of March, 2011	

## IC Socket

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
IC Socket	XR2D series XR2E series	---	End of March, 2013	
	XR2H Series	---	End of March, 2012	

## Shield wire connrctors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Shield Wire Connrctors	XK6W series	---	End of March, 2011	

## Ribbon Connectors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Ribbon Connectors	XM8A/B/D/F/K/L/T series	---	End of March, 2011	

## Micro-displacement Sensors

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Micro-displacement Sensor	Z3D□-□ series	---	End of March, 2012	
Micro-displacement Sensor	Z4D-A02 Z4D-A03	Z4D-B01	End of March, 2012	Output signal of the Z4D-A02 and the Z4D-A03 is not calculated but the Z4D-B01's output calculatedly inner ASIC. Please change processing circuit for micro-displacement measuring.

## Optical Communication Devices

Product name	Discontinued product	Recommended substitute	Date of discontinuation	Remarks on substitute model
Optical Splitter	P1C series	---	End of March, 2010	
Plastic Molding Micro Lens Array	P1L12A series P1L12C series	---	End of March, 2010	
1x2 Optical Switch	P1S12B Series	---	End of December, 2008	Equivalent product: Hitachi Metals, Ltd. MS102P series
1x8 Optical Switch	P1S18B Series	---	End of December, 2008	Equivalent product: Dicon SP1-8
2x2 Optical Switch	P1S22B Series	---	End of December, 2008	Equivalent product: OPLINK OFMS series Full2 x 2SW
CWDM Mux/Demux	P1X4A Series	---	End of December, 2008	Equivalent product: Cube Optics (Germany) COLOR-Cubes series
	P1X8A Series	---	End of December, 2008	Equivalent product: Cube Optics (Germany) COLOR-Cubes series