To All Customers

Regarding Fuji Programmable Controller

<u>Advance Notice of Production Stoppage of MICREX-F series</u>

Fuji Electric's heart goes out to those who have been affected by this time Higashi Nippon disaster.

Dear Sirs and Madams;
We send you our very best wishes for continued success of your company.
We thank you for your exceptional continued patronage of our products.
　With regard to the said matter, Fuji Electric has a schedule to stop the production of MICREX-F series, which have been enjoying patronage for nearly 26 years since the introduction in 1985, at the end of September, 2012, because it has become difficult to continually produce them.
　Therefore, we are sorry to trouble you, however, we would like to get your agreement.
　Fuji Electric would like to request your company for your consideration to exchange them for MICREX-SX series our major models.

Sincerely yours

- Notice -

1. List of targeted articles whose productions will be stopped and list of alternative articles
　　See attached "List of targeted articles whose production will be stopped and list of alternative articles."

2. Final order and due date of production stoppage
　　Publication of the notice of production stoppage: December 2011 (this notice)
　　Deadline to receive the final order: July 31, 2012
　　Due date to stop the production: September 30, 2012

3. Reasons of the production stoppage
　In the rapid advancement of semiconductor parts used as major electronic parts, it has been becoming difficult to take possession of old parts continually. For the MICREX-F series, Fuji electric has been taking actions to secure stock components whose productions had been stopped. However, because the productions of electronic components were furthermore stopped in addition to the shrinkage of the number of stocks, we can not maintain continually the stable supply and quality assurance, we would like to take liberty of the production stoppage.

4. About provision of supplies and correspondence to repair
　The time period of the provision of supplies and correspondence to repair shall be seven (7) years after the production stoppage. In addition, any troubles might occur for provision of supplies and repair on account of reasons, which are not responsible for our company, such as supply stop from the manufacturers of parts used. Fuji Electric would like to request customers for consideration of early storage of spare parts and early overhaul inspections for preventive maintenances.
　Moreover, see the attached price list of supplies.

5. Attachment
　　・List of targeted articles whose productions will be stopped and list of alternative articles

That's all.

FUJI Programmable logic controllers
List of discontinued MICREX-F Series items and MICREX-SX substitute items

List of discontinued items and substitute items

(1) MICREX-F55 Series

Product name	Production stoppage model	Specification, Name	Alternative model
Basic unit	NV1P-042	I/O slot : 4 slots 100 to 240V AC	NP1PM-48R+NP1S-22+NP1BS-08
	NV1P-044	I/O slot : 4 slots 24V DC	NP1PM-48R+NP1S-42+NP1BS-08
	NV1P-062	I/O slot : 6 slots 100 to 240V AC	NP1PM-48R+NP1S-22+NP1BS-11
	NV1P-064	I/O slot : 6 slots 24V DC	NP1PM-48R+NP1S-42+NP1BS-11
	NV1P-082	I/O slot : 8 slots 100 to 240V AC	NP1PM-48R+NP1S-22+NP1BS-13
	NV1P-084	I/O slot : 8 slots 24V DC	NP1PM-48R+NP1S-42+NP1BS-13
Expanded unit	NV1E-042	I/O slot : 4 slots 100 to 240V AC	NP1S-22+NP1BS-06
	NV1E-044	I/O slot : 4 slots 24V DC	NP1S-42+NP1BS-06
	NV1E-062	I/O slot : 6 slots 100 to 240V AC	NP1S-22+NP1BS-08
	NV1E-064	I/O slot : 6 slots 24V DC	NP1S-42+NP1BS-08
	NV1E-082	I/O slot : 8 slots 100 to 240V AC	NP1S-22+NP1BS-11
	NV1E-084	I/O slot : 8 slots 24V DC	NP1S-42+NP1BS-11
Digital input card	NV1X1604	12 to 24V DC, 16 points, 10ms, source	NP1X1606-W
	NV1X1604-W	12 to 24V DC, 16 points, 10ms, duplex	NP1X1606-W
	NV1X3204	12 to 24V DC, 32 points, 10ms, source	NP1X3206-W
	NV1X3204-W	12 to 24V DC, 32 points, 10ms, duplex	NP1X3206-W
	NV1X3206	24V DC, 32 points, 10ms, source	NP1X3206-W
	NV1X0810	100 to 120V AC, 8 points, 20ms	NP1X0810
	NV1X0811	200 to 240V AC, 8 points, 20ms	NP1X0811
Digital output card	NV1Y08R-00	Ry 240V AC, 110V DC, 8 points, each point independent	NP1Y08R-00
	NV1Y16R-08	Ry, 240V AC, 110V DC, 16 points	NP1Y16R-08
	NV1Y16T05P5	Tr sink, 12 to 24V DC, 16 points	NP1Y16T09P6
	NV1Y32T05P1	Tr sink, 12 to 24V DC, 32 points	NP1Y32T09P1
	NV1Y16U05P5	Tr source, 12 to 24V DC, 16 points	NP1Y16U09P6
	NV1Y08S	SSR AC100-240V, 8 points	NP1Y08S
Analog input/output card	NV1AX04-MR	Multi-range analog input, 4 ch	NP1AXH4-MR
	NV1AY02I-MR	Multi-range analog current output, 2 ch	NP1AYH2-MR
	NV1AY02V-MR	Multi-range analog voltage output, 2 ch	NP1AYH2-MR
Communication card	NV1L-RS2	General purpose communication card, RS-232C, 1ch	NP1L-RS2
	NV1L-TL1	T-LINK master option card, 10 ch	NP1L-TL1
	NV1L-TS1	T-LINK slave, 1 ch	NP1L-TS1
High-speed counter card	NV1F-HC1	High-speed counter card, 50kHz, 1 point, with interrupt	NP1F-HC2MR1
	NV1F-HC2	High-speed counter card, 50kHz, 1 point, without interrupt	NP1F-HC2MR1
Dummy card	NV1F-DMY	Dummy card	Unnecessary
Memory cassette	NV1VME-10	EEPRPM	NP8PCF-256
	NV1VMP-10	EPROM	NP8PCF-256

(2) MICREX-F70 Series (No. 1)

Product name	Production stoppage model	Specification, Name	Alternative model
Processor module	NC1P-E0	10.5ks, T-LINK: 1 ch	NP1PM-48R
	NC1P-S0	16ks, T-LINK: 1 ch	NP1PM-48R
	NC1P-S2	16ks T-LINK: 1ch, option: 2 slots	NP1PM-48R
Power supply module	NC1S-1	AC85-132/170-264V, with service power supply	NP1S-22
	NC1S-2	AC85-132/170-264V	NP1S-22
	NC1S-4	24V DC	NP1S-42
Base	NC1B00	For mounting processor module	NP1BS-03
	NC1B02	For mounting 2 modules	NP1BS-06
	NC1B04	For mounting 4 modules	NP1BS-08
	NC1B06	For mounting 6 modules	NP1BS-11
	NC1B08	For mounting 8 modules	NP1BS-11
	NC1B10	For mounting 10 modules	NP1BS-13
Digital input modules	NC1X1604	12 to 24V DC, 16 points, 10ms, source	NP1X1606-W
	NC1X1604-W	12 to 24V DC, 16 points, 10ms, duplex	NP1X1606-W
	NC1X3204	12 to 24V DC, 32 points, 10ms, source	NP1X3206-W
	NC1X3204-04W	12 to 24V DC, 32 points, 10ms, duplex	NP1X3206-W
	NC1X6404	12 to 24V DC, 64 points, 10ms, source	NP1X6406-W
	NC1X3204-3	12 to 24V DC, 32 points, 3ms, source	NP1X3206-W
	NC1X3202-W	5 to 12V DC, 32 points, 3ms, bidirectional	NP1X3202-W
	NC1X3206	24V DC, 32 points, 10ms, source	NP1X3206-W
	NC1X6406	24V DC, 64 points, 10ms, source	NP1X6406-W
	NC1X3206-S	24V DC, 32 points, 10ms, sink	NP1X3206-W
	NC1X6406-S	24V DC, 64 points, 10ms, sink	NP1X6406-W
	NC1X6406-W	24V DC, 64 points, 10ms, bidirectional	NP1X6406-W
	NC1X1610	100 to 120V AC, 8 points, 20ms	NP1X1610
	NC1X1611	200 to 240V AC, 8 points, 20ms	NP1X1611-RI
Digital output modules	NC1Y16T05P5-1	Tr sink, 12 to 24V DC, 16 points, 0.5A/point	NP1Y16T09P6
	NC1Y16T0502	Tr sink, 12 to 24V DC, 16 points, 2A/point	NP1Y08T0902×2
	NC1Y32T05P1	Tr sink, 12 to 24V DC, 32 points, 0.1A/point	NP1Y32T09P1
	NC1Y64T05P1-1	Tr sink, 12 to 24V DC, 64 points, 0.1A/point	NP1Y64T09P1
	NC1Y16U05P5-1	Tr source, 12 to 24V DC, 16 points, 0.5A/point	NP1Y16U09P6
	NC1Y16U0502	Tr source, 12 to 24V DC, 16 points, 2A/point	NP1Y08U0902×2
	NC1Y32U05P1	Tr source, 12 to 24V DC, 32 points, 0.1A/point	NP1Y32U09P1
	NC1Y08R-00	Ry 240V AC, 110V DC, 8 points, each point independent	NP1Y08R-00
	NC1Y16R-08	Ry, 240V AC, 110V DC, 16 points	NP1Y16R-08
	NC1Y16S	SSR 100-240V AC, 16 points	NP1Y08S×2
Digital input/output module	NC1W6406T	Input 12 to 24V DC, 32 points; Output 12 to 24V DC, Tr sink 32 points	NP1W6406T

(2) MICREX-F70 Series (No. 2)

Product name	Production stoppage model	Specification, Name	Alternative model
Analog input/output modules	NC1AX04-04	Analog input -10 to +10V, 4ch	NP1AXH4-MR
	NC1AX04-08	Analog input 0 to 20mA, 4ch	NP1AXH4-MR
	NC1AX04-MR	Multi-range analog input, 4 ch	NP1AXH4-MR
	NC1AY02-04	Analog output -10 to +10V, 2ch	NP1AYH2-MR
	NC1AY02-MR	Multi-range analog output, 2 ch	NP1AYH2-MR
Resistance thermometer	NC1AX02-PT	-180 to 600°C 2ch	NP1AXH4-PT
Communication card option	NC1H-PL1	P-LINK option card	NP1L-PL1
	NC1H-TL1	T-LINK option card	NP1L-TL1
Ethernet modules	NC1L-ET1	Ethernet interface module	NP1L-ET1
General purpose modules	NC1L-RS2	RS-232C 1ch	NP1L-RS2
	NC1L-RS4	RS-485 1ch	NP1L-RS4
T-LINK interface module	NC1ET	T-LINK collective expansion interface	NP1L-RT1
T-LINK slave module	NC1L-TS1	T-LINK slave module	NP1L-TS1
Dummy module	NC1F-DMY	Dummy module	Unnecessary
High-speed counter	NC1F-HC1	50kHz, 1 point, with interrupt	NP1F-HC2MR1
	NC1F-HC2	50kHz, 1 point, without interrupt	NP1F-HC2MR1
Temperature regulation	NC1F-PY1	Thermocouple, resistance temperature detector, Tr output	Use a combination of PID operation FB + analog I/O + digital I/O for measure.
	NC1F-PY1BR	Thermocouple, resistance temperature detector, with heater cut-off function,	Use a combination of PID operation FB + analog I/O + digital I/O for measure.
	NC1F-PY2	Thermocouple, resistance temperature detector, Tr output	Use a combination of PID operation FB + analog I/O + digital I/O for measure.
	NC1F-PY2BR	Thermocouple, resistance temperature detector, with heater cut-off function,	Use a combination of PID operation FB + analog I/O + digital I/O for measure.
	NC1F-PY3	Thermocouple, resistance bulb, current output	Use a combination of PID operation FB + analog I/O + digital I/O for measure.
	NC1FV-RT1	Current input resistance	Use a combination of PID operation FB + analog I/O + digital I/O for measure.
Pulse train output type Positioning control	NC1F-SP2A	2 axes, 250kbps	NP1F-MP2
	NC1F-SPC	Differential conversion module for NC1F-SP2	No substitute
External interrupt module	NC1F-YP1	Interrupt 8 points	NP1X3206-A
Memory cassette	NC1VMP-16	EPROM	NP8PCF-256

(3) MICREX-F120S/140S/150S Series (No. 1)

Product name	Production stoppage model	Specification, Name	Alternative model
Processor module	FPU120S-A10	16ks T-LINK 1ch option 2 slots, with service power supply, 100 to 240V AC	NP1PM-48R+NP1L-TL1+NP1S-22
	FPU120S-A10N	16ks T-LINK 1ch option 2 slots, 100 to 240V AC	NP1PM-48R+NP1L-TL1+NP1S-22
	FPU120S-G02	16ks T-LINK 1ch option 2 slots, with service power supply, 24V DC	NP1PM-48R+NP1L-TL1+NP1S-42
	FPU120S-G10	16ks T-LINK 1ch option 2 slots, with service power supply, 110V DC	No substitute (because of DC110V power supply)
	FPU140S-A10	32ks T-LINK 1ch option 2 slots, with service power supply, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU140S-A10N	32ks T-LINK 1ch option 2 slots, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU140S-G02	32ks T-LINK 1ch option 2 slots, with service power supply, 24V DC	NP1PM-256E+NP1L-TL1+NP1S-42
	FPU140S-G10	32ks T-LINK 1ch option 2 slots, with service power supply, 110V DC	No substitute (because of DC110V power supply)
	FPU150S-A10	64ks T-LINK 1ch option 2 slots, with service power supply, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU150S-A10N	64ks T-LINK 1ch option 2 slots, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU150S-G02	64ks T-LINK 1ch option 2 slots, with service power supply, 24V DC	NP1PM-256E+NP1L-TL1+NP1S-42
	FPU150S-G10	64ks T-LINK 1ch option 2 slots, with service power supply, 110V DC	No substitute (because of DC110V power supply)
	FPU152S-A10	64ks T-LINK 1ch option 4 slots, with service power supply, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU152S-A10N	64ks T-LINK 1ch option 4 slots, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU152S-G02	64ks T-LINK 1ch option 4 slots, with service power supply, 24V DC	NP1PM-256E+NP1L-TL1+NP1S-42
	FPU152S-G10	64ks T-LINK 1ch option 4 slots, with service power supply, 110V DC	No substitute (because of DC110V power supply)
	FPU154S-A10	64ks T-LINK 1ch option 6 slots, with service power supply, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU154S-A10N	64ks T-LINK 1ch option 6 slots, 100 to 240V AC	NP1PM-256E+NP1L-TL1+NP1S-22
	FPU154S-G02	64ks T-LINK 1ch option 6 slots, with service power supply, 24V DC	NP1PM-256E+NP1L-TL1+NP1S-42
	FPU154S-G10	64ks T-LINK 1ch option 6 slots, with service power supply, 110V DC	No substitute (because of DC110V power supply)
Communication card option	FPC120T	T-LINK option card	NP1L-TL1
	FPC220P	P-LINK option card	NP1L-PL1
	FPC420P	PE-LINK option card	NP1L-PE1
Base	FSB084H	For FDL/FTL 4 modules	NP1BS-06
	FSB086H	For FDL/FTL 6 modules	NP1BS-08
	FSB088H	For FDL/FTL 8 modules	NP1BS-11
	FSB110H	For FDL/FTL 10 modules	NP1BS-13
	FSB120H	Without module mounting part	NP1BS-06
	FSB124H	For mounting 4 modules	NP1BS-08
	FSB126H	For mounting 6 modules	NP1BS-11
	FSB128H	For mounting 8 modules	NP1BS-13
	FSB154S-4	Corresponding to optional expansion slot, for 4 modules	NP1BS-13
	FSB156S-2	Corresponding to optional expansion slot, for 6 modules	NP1BS-13
	FSB908H	Compatible adapter for mounting F80H/FTL/FDL	Unnecessary
FTL T-LINK interface module	FTL010H-A10	T-LINK 1 ch, with service power supply, 100 to 240V AC	NP1L-RT1+NP1S-22
	FTL010H-G02	T-LINK 1 ch, with service power supply, 24V DC	NP1L-RT1+NP1S-42
	FTL010H-G10	T-LINK 1 ch, with service power supply, 110V DC	No substitute (because of DC110V power supply)
	FTL010H-A10N	T-LINK 1 ch, without service power supply, 100 to 240V AC	NP1L-RT1+NP1S-22
FDL bus expansion interface module	FDL120A-A10	With service power supply, 100 to 240V AC	NP1S-22
	FDL120A-G02	With service power supply, 24V DC	NP1S-42
	FDL120A-G10	With service power supply, 110V DC	No substitute (because of DC110V power supply)
	FDL120A-A10N	Without service power supply, 100 to 240V AC	NP1S-22

(3) MICREX-F120S/140S/150S Series (No. 2)

Product name	Production stoppage model	Specification, Name	Alternative model
Expansion cable	FLC120A1	L=1 m	NP1C-P8
	FLC120A10	L=10m	NP1C-10
	FLC120A15	L=15m	NP1C-15
	FLC120A2	L=2m	NP1C-02
	FLC120A20	L=20m	NP1C-25
	FLC120A5	L=5m	NP1C-05
	FLC120AR2	L=0.2m	NP1C-P3
	FLC120AR6	L=0.6m	NP1C-P8
Digital input modules	FTU110B	12 to 24V DC/AC, 16 points, 10ms	NP1X1606-W
	FTU113B	12 to 24V DC, 16 points, 3ms	NP1X1606-W
	FTU120C	12 to 24V DC/AC, 32 points, 10ms	NP1X3206-W
	FTU122C	5 to 12V DC, 32 points, 3ms	NP1X3202-W
	FTU123C	12 to 24V DC, 32 points, 3ms	NP1X3206-W
	FTU125A	12 to 24V DC/AC, 64 points, 10ms	NP1X6406-W
	FTU126A	12 to 24V DC, 64 points, 3ms	NP1X6406-W
	FTU127C	12 to 24V DC, 32 points, 3ms	NP1X3206-W
	FTU130B	48 to 60V DC/AC, 16 points, 10ms	NP1X1607-W
	FTU133B	48 to 60V DC, 16 points, 10ms	NP1X1607-W
	FTU135C	48 to 60V DC/AC, 32 points, 10ms	NP1X1607-W×2
	FTU136C	48 to 60V DC, 32 points, 3ms	NP1X1607-W×2
	FTU140B	110V DC, 8 points, 10ms	NP1X0810
	FTU143B	110V DC, 8 points, 3ms	No substitute
	FTU150B	100V AC, 16 points, 10ms	NP1X1610
	FTU155C	100V AC, 32 points, 10ms	NP1X1610×2
	FTU160B	200V AC, 16 points, 10ms	NP1X1611-RI
	FTU165C	200V AC, 32 points, 10ms	NP1X1611-RI×2

(3) MICREX-F120S/140S/150S Series (No. 3)

Product name	Production stoppage model	Specification, Name	MICREX-SX Alternative model
Digital output modules	FTU210B	Tr sink, 24 to 48V DC, 16 points, 0.2A	NP1Y16T10P2
	FTU211B	Tr sink, 24 to 48V DC, 16 points, 2A	NP1Y16T10P2
	FTU215B	Tr source, 24 to 48V DC, 16 points, 0.2A	NP1Y16U09P6 (No substitute is available for the load voltage DC48V when the load voltage is DC24V.)
	FTU216B	Tr source, 24 to 48V DC, 16 points, 2A	NP1Y16U09P6 (No substitute is available for the load voltage DC48V when the load voltage is DC24V.)
	FTU221C	Tr sink, 5 to 12 to 24V DC, 32 points, 0.1A	NP1Y32T09P1
	FTU222A	Tr sink, 12 to 24V DC, 64 points, 0.1A	NP1Y64T09P1
	FTU223B	Tr sink, 24 to 48V DC, 32 points, 0.2A (insulation between commons)	NP1Y16T09P6×2
	FTU224B	FET sink, 5-24-48V DC, 32 points,0.5A, with fuse	NP1Y16T09P6×2
	FTU226B	Tr source, 24 to 48 to 60V DC, 32 points, 0.2A	NP1Y32U09P1
	FTU227C	Tr sink, 12 to 24V DC, 32 points, 0.1A	NP1Y32T09P1
	FTU233B	Tr sink, 24 to 48V DC, 32 points, 0.2A	NP1Y16T10P2×2
	FTU240B	Tr sink, 110V DC, 16 points, 0.2A	No substitute
	FTU245B	Tr source, 110V DC, 16 points, 0.2A	No substitute
	FTU250B	SSR AC100-220V, 16 points, 2A	NP1Y08S×2
	FTU251B	SSR 100 to 220V AC, 16 points, 2A, with fuse	NP1Y08S×2
	FTU257B	SSR AC100-220V, 32 points, 0.6A	NP1Y08S×4
	FTU260B	Ry Max264V AC, 16 points, 2A (8 points x 2 commons)	NP1Y16R-08
	FTU261B	Ry Max264V AC, 12 points, 2A (2 points x 6 commons)	NP1Y16R-08
	FTU262B	Ry Max264V AC, 16 points, 2A (8 points x 2 commons), with fuse	NP1Y16R-08
	FTU263B	Ry Max264V AC, 16 points, 2A (independent contact)	NP1Y08R-00×2
	FTU266B	Ry Max264V AC, 32 points, 2A (8 points x 4 commons)	NP1Y16R-08×2
	FTU267B	Ry Max264V AC, 32 points, 1A (8 points x 4 commons), with fuse	NP1Y16R-08×2
Replacement fuse	FTX032HP	Exchange fuse for FTU251B, FTU258B	Unnecessary
	FTX050MP	Exchange fuse for FTU212B, FTU213B& FTU224B	Unnecessary
	FTX075GPR	Exchange fuse for FTU262B,FTU267B	Unnecessary
Digital input/output	FTU611C	Input 12 to 24V DC, 16 points; Output 12 to 24V DC, Tr sink 16 points	NP1W3206T
	FTU612A	Input 12 to 24V DC, 32 points; Output 12 to 24V DC, Tr sink 32 points	NP1W6406T
Analog input/output modules	FTU340A	Analog input, 0 to 5V, 8 ch	NP1AXH8V-MR
	FTU341A	Analog input, 0 to 10V, 8 ch	NP1AXH8V-MR
	FTU342A	Analog input, -5 to 5V, 8 ch	NP1AXH8V-MR
	FTU343A	Analog input, -10 to 10V, 8 ch	NP1AXH8V-MR
	FTU344A	Analog input, 0 to 20mA, 8 ch	NP1AXH8I-MR
	FTU440A	Analog output, 0 to 5V, 8 ch	NP1AYH8V-MR
	FTU441A	Analog output, 0 to 10V, 8 ch	NP1AYH8V-MR
	FTU442A	Analog output, -5 to 5V, 8 ch	NP1AYH8V-MR
	FTU443A	Analog output, -10 to 10V, 8 ch	NP1AYH8V-MR
High function module	FTU500A	High-speed counter module, 50kHz, 2 point, with interrupt	NP1F-HC2MR1
	FTU502A	High-speed counter module, 50kHz, 2 point, without interrupt	NP1F-HC2MR1
	FFU120B	General purpose interface module, RS-232C 1ch, RS-485 1ch	NP1L-RS1
	FTL651B	T-LINK slave module	NP1L-TS1
	FFU170B	Ethernet interface module	NP1L-ET1
Dummy module	FTU910A	Dummy module	Unnecessary
Memory cassette	FMC334A	EPROM cassette	Unnecessary
option	FPX010A	SW key	Unnecessary
	FPX100A	Fuse	Unnecessary

(4) MICREX-F Series Peripheral devices

Product name	Production stoppage model	Specification, Name	MICREX-SX Alternative model
Digital input capsule	FTK110A-C10	12 to 24V DC, 16 points, 3ms	NR1TX-1606DT
	FTK113A-C10	12 to 24V DC, 16 points, 3ms	NR1TX-1606DT
	FTK120B-C10	12 to 24V DC, 32 points, 3ms	FTT3204W-G02
	FTK123B-C10	12 to 24V DC, 32 points, 3ms	FTT3204W-G02
	FTK150A-C10	100V AC, 16 points, 10ms	NP1BS-03 + NP1S-91(or 81) + NP1L-RT1 + NP1X1610
	FTK160A-C10	200V AC, 16 points, 10ms	NP1BS-03 + NP1S-91(or 81) + NP1L-RT1 + NP1X1611-RI
Digital output capsule	FTK210A-C10	Tr sink, 24 to 48V DC, 16 points, 0.2A	NR1TY-16T05DT
	FTK211A-C10	Tr sink, 24 to 48V DC, 16 points, 2A	NR1TY-16T05DT
	FTK220B-C10	Tr sink, 24 to 48V DC, 32 points, 0.2A	FTT320T0-G02
	FTK225B-C10	Tr source, 24 to 48V DC, 32 points, 0.2A	NP1BS-03 + NP1S-91(or 81) + NP1L-RT1 + NP1Y32U09P1
	FTK245A-C10	Tr source, 110V DC, 16 points, 0.2A	No substitute
	FTK250A-C10	SSR 100-240V AC, 16 points, 2A	NP1BS-06 + NP1S-91(or 81) + NP1L-RT1 +NP1Y08S × 2
	FTK260A-C10	Ry Max242V AC, 16 points, 2A (8 points x 2 commons)	FTT16R0-G02
	FTK261A-C10	Ry Max242V AC, 12 points, 2A (2 points x 6 commons)	FTT16R0-G02
Digital input/output mixed capsule	FTK611B-C10	Input 12 to 24V DC, 16 points; Output 5 to 12 to 24V DC, Tr sink 16 points	FTT32T4-G02
	FTK616A-C10	Input 12 to 24V DC 8 points; Output Max 242V AC Ry 8 points	NR1TX-1606DT+NR1TY-08R07DT
	FTK656A-C10	Input 100V DC 8 points; Output Max 242V AC Ry 8 points	NP1BS-06 + NP1S-91(or 81) + NP1L-RT1 + NP1X1610 + NP1Y16R-08
	FTK666A-C10	Input 200V DC 8 points; Output Max 242V AC Ry 8 points	NP1BS-06 + NP1S-91(or 81) + NP1L-RT1 + NP1X1611-RI + NP1Y16R-08
I/O free capsule	FTK16NX-C10	I/O free 16 points	No substitute
	FTK32NX-C10	I/O free 32 points	No substitute
I/O terminal	FTT1604-G02	Input 24V DC, 16 points, source	NR1TX-1607DT
	FTT1604W-G02	Input 24V DC, 16 points, bidirectional	NR1TY-16T05DT
	FTT16T0-G02	Output Tr sink, 24V DC, 16 points	FTT3204W-G02
	FTT3204-G02	Input 24V DC, 32 points, source	NR1TW-16T65DT
	FTT16T4-G02	Input 24V DC 8 points, source; Output Tr sink, 24V DC 8 points	NR1TW-16T65DT
T-LINK I/O card	NH3W016	Input 24V DC 8 points, source; Output Tr sink, 24V DC 8 points	NH3W024
T-LINK interface card	FTK633A-G02	T-LINK interface card for operational display device, 64 points	FTK634A-G02
Optical converter	FNC120A-A10	T-LINK optical converter 100 to 110V AC	FNC160A-A10 or FNC130A-C10
	FNC120A-G10	T-LINK optical converter 110V DC	FNC160A-A10 or FNC130A-C10
On-line adapter	FOA-ALFA	On-line adapter	FOA-ALFA2
	FOA-OP1	Fixing clasp for FOA-ALFA	Unnecessary
Loader	FLD010S-A10	Handy loader (in Japanese)	NP4H-SEDBV3 or NP4H-SWN
	FLD510S-A10	Handy loader (in English)	NP4H-SEDBV3 or NP4H-SWN
	FLC010A	Loader cable L= 3 m	NP4H-SEDBV3 or NP4H-SWN
	FLC011A	Loader cable L= 5m	NP4H-SEDBV3 or NP4H-SWN
Memory	FMC036B	EPROM	NP8PCF-256
Terminating resistor	FRT100A100	T-LINK terminating resistor 100 ohm	FRT120A100
	FRT200A75	P-LINK terminating resistor 75 ohm	FRT220A75

Precautions
- The specialties (whose type is followed by a Z number) are also discontinued. For more information about substitutes, call our sales desk or sole agent.
- A31MICREX-SX as the substitute is not compatible wit the MICREX-F with respect to programs, outside dimensions, and mounting dimensions.
- It is possible to convert the program by the standard loader. (However, the program cannot be completely converted since the standard loader uses compatible instruction words.)
- F120S series renewal tools are available. This tool can reduce the rewiring man-hours.