Menu of replacement TOYOPUC PLC

BEFORE	AFTER		
	New Model	Merit	Content of replacement

●TOYOPUC-PC2

New Model: **●PC3JX／PC10G**
PC3JX:TCC-6901
PC10G:TCC-6353

Merit:
·There is no need to worry about spare parts because the rack, I/O card and communication card are changed to PC3J series.
·PLC can be written Comments in the ladder program to improve maintainability
Notes
·The I/O card point will be changed from 32points to 16 points.
 More need I / O cards → Insufficient mounting space
  →Compatible with two-stage bracket, flat type, etc.
·I / O address range chenged from 0 to 3FF (1024 points)
 to 0 to 7FF (2048 points)
  →That uses PC10G when I/O address is insufficient

Content of replacement:

Replacement item	Compatibility	Content of Replacement
Ladder program	O	Available same data
I/O card	×	Need to change to PC3J series
CPU, I/O base	×	Need to change to PC3J series
Communication card	×	Need to change to PC3J series
PC conect cable	×	Need to change to USB type

Communication Module

BEFORE	Compatibility	AFTER (As an alternative)	
ME-NET	×	FL/ET-T-V2H	THU-6289
HPC-LINK			
RMT-I/O M	×	J-DLNK-M2	THU-6099

●TOYOPUC-PC2J

New Model: **●PC3JX**
PC3JX:TCC-6901

Merit:
·No need to change circuit, existing program can be used
·PLC can be easily replaced
·PLC can be written Comments in the ladder program to improve maintainability

·Available by replacing only CPU
·Other cards can use existing products
·PC3JX is battery-less → No need for replacement

Content of replacement:

Replacement item	Compatibility	Content of Replacement
Ladder program	O	Available same data
I/O card	O	Available same card
CPU, I/O base	O	Available same card
Communication card	O	Available same card
PC conect cable	×	Need to change to USB type

Communication Module

BEFORE	Compatibility	AFTER (As an alternative)	
ME-NET	×	FL/ET-T-V2H	THU-6289
HPC-LINK			
PC/CMP-LINK	O	ML10	TCU-6903

●TOYOPUC-PC3J

New Model: **●PC3JX**
PC3JX:TCC-6901

Merit:
·No need to change circuit, existing program can be used
·PLC can be easily replaced
·PLC can be written Comments in the ladder program to improve maintainability

·Available by replacing only CPU
·Other cards can use existing products
·PC3JX is battery-less → No need for replacement

Content of replacement:

Replacement item	Compatibility	Content of Replacement
Ladder program	O	Available same data
I/O card	O	Available same card
CPU, I/O base	O	Available same card
Communication card	O	Available same card
PC conect cable	×	Need to change to USB type

Communication Module

BEFORE	Compatibility	AFTER (As an alternative)	
ME-NET	×	FL/ET-T-V2H	THU-6289
HPC-LINK			
PC/CMP-LINK	O	ML10	TCU-6903

●TOYOPUC-PC3JD

New Model: **●PC3JX-D**
PC3JX-D:TCC-6902
IO328G:THK-6905

Merit:
·No need to change circuit, existing program can be used
·PLC can be easily replaced
·PLC can be written Comments in the ladder program to improve maintainability

·Available by replacing only CPU
·Other cards can use existing products
·PC3JX is battery-less → No need for replacement
* If necessary, replace the CPU as follows:

BEFORE	AFTER
PC3JD	PC3JX-D＋IO328G

Content of replacement:

Replacement item	Compatibility	Content of Replacement
Ladder program	O	Available same data
I/O card	O	Available same card
CPU, I/O base	O	Available same card
Communication card	O	Available same card
PC conect cable	×	Need to change to USB type

Communication Module

BEFORE	Compatibility	AFTER (As an alternative)	
ME-NET	×	FL/ET-T-V2H	THU-6289
HPC-LINK			
PC/CMP-LINK	O	ML10	TCU-6903

●TOYOPUC-PC3JG(-P)

New Model: **●PC10G**
PC10G:TCC-6353
IO328G:THK-6905
IO329G:THK-6410
DLNK-M2:THU-6099

Merit:
·No need to change circuit, existing program can be used
·PLC can be easily replaced
·PLC can be written Comments in the ladder program to improve maintainability

·Available by replacing only CPU
·Other cards can use existing products
* If necessary, replace the CPU as follows:

BEFORE	AFTER
PC3JG	PC10G＋IO328G＋DLNK-M2
PC3JG-P	PC10G＋IO329G＋DLNK-M2

Content of replacement:

Replacement item	Compatibility	Content of Replacement
Ladder program	O	Available same data
I/O card	O	Available same card
CPU, I/O base	O	Available same card
Communication card	O	Available same card
PC conect cable	×	Need to change to USB type

Communication Module

BEFORE	Compatibility	AFTER (As an alternative)	
ME-NET	×	FL/ET-T-V2H	THU-6289
HPC-LINK			
PC/CMP-LINK	O	ML10	TCU-6903

●TOYOPUC-M,M2
●TOYOPUC-PC1

New Model: **●PC3JX**
PC3JX:TCC-6901

Merit:
·No need to change circuit, existing program can be used
·PLC can be written Comments in the ladder program to improve maintainability

Notes
Ladder program is need to conversion

Content of replacement:

Replacement item	Compatibility	Content of Replacement
Ladder program	△	Can be converted by converter
I/O card	×	Need to change to PC3J series
CPU, I/O base	×	Need to change to PC3J series
Communication card	×	Need to change to PC3J series
PC conect cable	×	Need to change to USB type

Communication Module

BEFORE	Compatibility	AFTER (As an alternative)	
ME-NET	×	FL/ET-T-V2H	THU-6289
HPC-LINK			
RMT-I/O M	×	J-DLNK-M2	THU-6099

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* If the sequence processing speed becomes faster and the circuit conditions are not uniform when the PLC is updated, it can be improved by the constant scan function.

※* For details on discontinued products and replacement products, please see "Product Maintenance Information".
https://toyoda.jtekt.co.jp/e/products/customer.html#hoshu

Recommend USB cables are following. (January 2019)

Maker name	Type	Length	Remarks column
Elecom co., LTD	U2C-BK07BK	0.7m	A(male)-B(male) type *RoHS compliant product
	U2C-BK10BK	1.0m	
	U2C-BK15BK	1.5m	
	U2C-BK20BK	2.0m	
	U2C-BK30BK	3.0m	
	U2C-BK50BK	5.0m	

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