

# Menu of replacement TOYOPUC PLC

BEFORE	AFTER							
	New Model	Merit						
<p>● TOYOPUC-PC2</p> 	<p>● PC3JX/PC10G</p>  <p>PC3JX:TCC-6901 PC10G:TCC-6353</p>	<p>·There is no need to worry about spare parts because the rack, I/O card and communication card are changed to PC3J series.</p> <p>·PLC can be written Comments in the ladder program to improve maintainability</p> <p>Notes</p> <p>·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.</p> <p>·I / O address range changed from 0 to 3FF (1024 points) to 0 to 7FF (2048 points) →That uses PC10G when I/O address is insufficient</p>						
<p>● TOYOPUC-PC2J</p> 	<p>● PC3JX</p>  <p>PC3JX:TCC-6901</p>	<p>·No need to change circuit, existing program can be used</p> <p>·PLC can be easily replaced</p> <p>·PLC can be written Comments in the ladder program to improve maintainability</p> <p>·Available by replacing only CPU</p> <p>·Other cards can use existing products</p> <p>·PC3JX is battery-less → No need for replacement</p>						
<p>● TOYOPUC-PC3J</p> 	<p>● PC3JX</p>  <p>PC3JX:TCC-6901</p>	<p>·No need to change circuit, existing program can be used</p> <p>·PLC can be easily replaced</p> <p>·PLC can be written Comments in the ladder program to improve maintainability</p> <p>·Available by replacing only CPU</p> <p>·Other cards can use existing products</p> <p>·PC3JX is battery-less → No need for replacement</p>						
<p>● TOYOPUC-PC3JD</p> 	<p>● PC3JX-D</p>  <p>PC3JX-D:TCC-6902 IO328G:THK-6905</p>	<p>·No need to change circuit, existing program can be used</p> <p>·PLC can be easily replaced</p> <p>·PLC can be written Comments in the ladder program to improve maintainability</p> <p>·Available by replacing only CPU</p> <p>·Other cards can use existing products</p> <p>·PC3JX is battery-less → No need for replacement</p> <p>* If necessary, replace the CPU as follows:</p> <table border="1"> <thead> <tr> <th>BEFORE</th> <th>AFTER</th> </tr> </thead> <tbody> <tr> <td>PC3JD</td> <td>PC3JX-D + IO328G</td> </tr> </tbody> </table>	BEFORE	AFTER	PC3JD	PC3JX-D + IO328G		
BEFORE	AFTER							
PC3JD	PC3JX-D + IO328G							
<p>● TOYOPUC-PC3JG(-P)</p> 	<p>● PC10G</p>  <p>PC10G:TCC-6353 IO328G:THK-6905 IO329G:THK-6410 DLNK-M2:THU-6099</p>	<p>·No need to change circuit, existing program can be used</p> <p>·PLC can be easily replaced</p> <p>·PLC can be written Comments in the ladder program to improve maintainability</p> <p>·Available by replacing only CPU</p> <p>·Other cards can use existing products</p> <p>* If necessary, replace the CPU as follows:</p> <table border="1"> <thead> <tr> <th>BEFORE</th> <th>AFTER</th> </tr> </thead> <tbody> <tr> <td>PC3JG</td> <td>PC10G + IO328G+DLNK-M2</td> </tr> <tr> <td>PC3JG-P</td> <td>PC10G + IO329G+DLNK-M2</td> </tr> </tbody> </table>	BEFORE	AFTER	PC3JG	PC10G + IO328G+DLNK-M2	PC3JG-P	PC10G + IO329G+DLNK-M2
BEFORE	AFTER							
PC3JG	PC10G + IO328G+DLNK-M2							
PC3JG-P	PC10G + IO329G+DLNK-M2							
<p>● TOYOPUC-M,M2</p> 	<p>● PC3JX</p>  <p>PC3JX:TCC-6901</p>	<p>·No need to change circuit, existing program can be used</p> <p>·PLC can be written Comments in the ladder program to improve maintainability</p> <p>Notes</p> <p>Ladder program is need to conversion</p>						
<p>● TOYOPUC-PC1</p> 	<p>● PC3JX</p>  <p>PC3JX:TCC-6901</p>	<p>·No need to change circuit, existing program can be used</p> <p>·PLC can be written Comments in the ladder program to improve maintainability</p> <p>Notes</p> <p>Ladder program is need to conversion</p>						

Content of replacement		
Replacement item	Compatibility	Content of Replacement
Ladder program	○	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 connect 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	×	J-DLNK-M2	THU-6099

  

Replacement item	Compatibility	Content of Replacement
Ladder program	○	Available same data
I/O card	○	Available same card
CPU, I/O base	○	Available same card
Communication card	○	Available same card
PC connect 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	×	J-DLNK-M2	THU-6099
PC/CMP-LINK	○	ML10	TCU-6903

  

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

  

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ME-NET	×	FL/ET-T-V2H	THU-6289
HPC-LINK	×	J-DLNK-M2	THU-6099
PC/CMP-LINK	○	ML10	TCU-6903

  

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 connect 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	×	J-DLNK-M2	THU-6099

\* 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://tovoda.itek.co.jp/e/products/customer.html#hoshu>

Recommend USB cables are following. (January 2019)

Maker name	Type	Length	Remarks column
Elecocom 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	