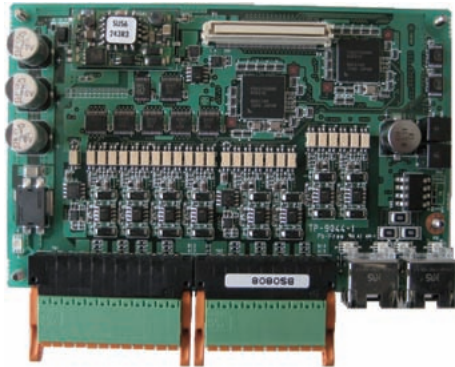


## Board Type Safety Programmable Logic Controller TOYOPUC-Plus-Safety



TOYOPUC-Plus-Safety

This product is the first board type safety PLC in the world to obtain international safety standard certification. This product is able to reduce equipment restoration time through the visualization of error processing by coordinating computer tools with the display.

### Features

- ① Compatible with small, medium and large size equipment and production line equipment.
- ② Boards are connected using cables, allowing a great level of freedom in layout arrangement.
- ③ CPU or I/O functions can be selected using one board.
- ④ The inputs allow the selection of dry contact input or light curtain input.
- ⑤ Programs can be written to the safety PLC via a USB flash drive.
- ⑥ Supports the safety communication protocol, which is scheduled to be developed separately.

### Main specifications

Item	Specification
Safety related performance level	PL e: ISO13849-1 Safety integrity level SIL3: IEC61508
Power source	DC24V
Program language	Ladder diagram, function block diagram
Program capacity	128 Kbyte
Number of I/O points	Max. 2 048 points
Standard communication	Alternative selection from the following communication protocols: ①SN-I/F (Communication between a standard PLC and a safety PLC is 1:1 communication) ②Modbus* <sup>2</sup> -RTU (1: N communication)
Safety communication (Scheduled)	Inter-CPU Communication via a communication board
Response time	Max. 32.8 ms
Size	W 20 mm × H 170 mm × D 115 mm

\*1 TOYOPUC is a registered trademark of JTEKT CORPORATION.

\*2 Modbus is an open protocol for the serial communications developed by Modicon Inc. (AEG Schneider Automation International S.A.S.).

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**JTEKT CORPORATION**