

## Important user note

Reason for the user note:		
Short uncontrolled activation of outputs after PowerON with Advanced Startup		
System SLIO 053-1PN01 with FW V1.0.7.0 or V1.1.1.0		
Affected products		
User note	DMC	16.04.2025
Document type	Division	Date

### Behavior of the product

As part of our ongoing quality control, we discovered that, under certain conditions, the product might not work properly. After PowerON, when the first connection is established with the specified product, that does not use firmware FW V1.1.2.0 (Px000312) or newer, outputs may be incorrectly activated for some PROFINET cycles of IO modules connected to the PROFINET IO device 053-1PN01. An appropriate correction procedure has already been initiated.

- This behavior only occurs with *Advanced Startup*; according to Yaskawa's current information, this is currently only supported by Siemens S7-1200 and S7-1500 CPUs as controllers.
- The behavior only occurs during the first connection establishment after PowerON of the 053-1PN01.
- The behavior is not deterministic and can occur from not at all to several PROFINET IO cycles (Yaskawa measured a maximum of 8 cycles with a configured 2ms PN-IO cycle time (i.e. 16ms), but usually less) and can affect any outputs.

### Measures

- The behavior does not occur in *Legacy Mode*, i.e. with PROFINET IO controllers that do not support *Advanced Startup*, e.g. System SLIO CPUs, System 300 CPUs.
- Immediately update the 053-1PN01 to FW V1.1.2.0 (Px000312) or newer.
- Couplers delivered from 31 March 2025 will already be equipped with a new FW that does not exhibit this behavior.

### Technical support

Contact your local representative of YASKAWA Europe GmbH if you encounter problems or have questions regarding the product or the user note above. If such a location is not available, you can reach the Yaskawa customer service via the following contact:

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