

Usage Note

Extended initialisation phase with sporadic 0 signals

Topic

System SLIO Safety 021-1SD10

Affected products

Usage Note

DMC

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Document type

Division

Date

Behavior

After PowerON and the first start-up of the FSoE communication with the System SLIO safety module, the initialisation phase takes a further maximum of 800ms. In this further initialisation phase, the signal status of a safety input, which is signalled to the safety controller, can sporadically change to zero, although the safety input is already driven to 'high'.

- The behavior only occurs with channels 0 and 2 (regardless of the 1- or 2-channel mode).
- The behavior only occurs if the test pulses for channel 0 or channel 2 are enabled.

Measures

- The behavior is non-critical because it occurs only for a very short time after start-up and the incorrect input signal status is the safe status.
- If signal states are already queried and evaluated in the safety controller during this short start-up time, this extended initialisation phase must be taken into account in the safety application program.

Technical support

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

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