

Product: TCM 615
Revision: DA-08
Order Code: S3003-K615:DD
Date: 16th of January 2026

Issue Description

The backup and restore functionality for entries in the Security Link Table of TCM 615 is not working as expected.

The expected functionality is that the Security Link Table is automatically backed up before power loss or before the execution of a reset and automatically restored during the subsequent initialization. This functionality does not work as intended which causes an incorrect restoration for some entries following a reset.

The issue occurs only if security processing is used and only if a reset is triggered by one of the following mechanisms:

- Reset is triggered by the user using the ESP3 command CO_WR_RESET
- Reset is triggered by the user using the nRESET pin
- Reset is triggered by TCM 615 in response to a power-cycle (power-down followed by power-up)

Normal operation of TCM 615 is unaffected.

Affected Units

The issue applies to production units with version DA-08 (delivered in 2025) only.

Issue Mitigation

The issue can be mitigated by always re-initializing the Security Link Table (deleting the Security Link Table content, then adding the required entries) by the external host after executing a reset.

Classification

The issue occurs under specific circumstances and mitigation is possible in many cases.

Next Steps

EnOcean will resolve this issue with a product update DA-10 of TCM 615. All TCM 615 shipments from 2026 onwards will contain a fix for this issue.

Recommended Action

Verify if the functional limitations affect your application and apply the issue mitigation if required. Contact EnOcean if additional information is required.