

RN00365

IEC60730B Library Release Notes CM0 v5.0

Rev. 1.0 — 1 September 2025

Release notes

Document information

Information	Content
Keywords	IEC 60730, IEC 60335, UL 60730, UL 1998
Abstract	The library is released in a source code format with documentation describing the respective tests.



1 Introduction

IEC60730B_CM0_5.0 is the actual version of the core self-test library for NXP devices with the CM0+ core. The library is certified by VDE/UL. It is dedicated for use in applications compliant with the Safety class B standard (specified by IEC 60730, IEC60335 and/or UL 60730, and UL 1998).

The library is released in a source code format, together with functional example projects and documentation describing the respective tests.

The library is created in close cooperation with the application team, who have vast experience in customer projects. The customer feedback is also taken into consideration.

2 Optimizations, improvements, and changes

2.1 Library

NXP IEC60730 Class B Library is now released as source code package. Library consist of 2 part - Common and core part. Is necessary unzip all delivered *.zip file at their location. For full support is of one core, is necessary use common_test.zip and CM0.zip

The following devices were added to the CM0+ library: MKE17Z512 and MCXCx4x.

2.2 Documentation

The documentation for the library is a part of the SDK package and it is also available at www.nxp.com/iec60730.

The documentation of the IEC60730B library consists of:

- IEC60730B_Library_User_Guide_CM0.pdf
- IEC60730B_Library_Release_Notes_CM0.pdf

The example applications have their dedicated release notes and user guides.

2.3 Functional example projects

All information about the IEC60730B library and example project are available at www.nxp.com/iec60730.

3 Revision history

[Table 1](#) summarizes the changes to this document.

Table 1. Revision history

Document ID	Release date	Description
RN00365 v. 1.0	1 September 2025	Initial release

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