

## Declaration regarding lifetime of ABB i-bus® KNX products

Dear Madam or Sir,

ABB STOTZ-KONTAKT GmbH, Germany (ABB) is a leading manufacturer of components for *Smart Home and Intelligent Building Control*, with over 25 years of experience in bus-based installation systems for buildings. Beginning with the market introduction of the Sigma i-bus® system in 1982 – the world's first bus-based intelligent building control system and forerunner to the present ABB i-bus® KNX system - ABB has since then continually played a significant role in advancing intelligent control technology for modern buildings.

KNX is the first manufacturer independent, globally standardised technology for the intelligent networking of electrical installations for home and building automation, standardised in EN 50491 (EN50491-2 A1: 2015, EN50491-3:2009, EN50491-5-x:2010) and ISO/IEC 14543 (ISO/IEC 14543-3-1 to 3-7:2006/2007).

All ABB i-bus® KNX products fulfil the specific hardware requirements for KNX products according to the standard EN50491.

Therefore, the following approximate lifetime expectancy data is applicable for all ABB i-bus® KNX products:

### 1. MTBF (Mean Time Between Failures) > 10 years

This fulfills the specific hardware requirements for KNX products given by the KNX Association and according to the above mentioned parts of the standard EN50491.

and, where relevant

### 2. Mechanical Service Life (minimum number of switching cycles)

Dependent on the frequency of operation, the number of switching cycles may determine the minimum lifetime expectancy of the product. The mechanical service life in switching cycle operations at the rated current loads is specified in the technical data sheet of the respective product.

The approximate lifetime expectation is only a general statement and cannot be construed as a legal warranty or other legally binding statement nor as (any kind of) extension of (contractual or statutory) warranty periods. ABB does not assume any warranty or guarantee out an in connection with these lifetime expectancy criteria, unless provided in writing in a contractual relationship with a purchaser.

Electrification Business, Germany: ABB | Busch-Jaeger | STRIEBEL & JOHN



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Certificates, technical data sheets and declaration of conformity for ABB i-bus® KNX products, including all further details regarding to which relevant, harmonized standards the products conform to, can be found on the ABB internet site at: [www.abb.com/knx](http://www.abb.com/knx).

Yours sincerely,  
ABB STOTZ-KONTAKT GmbH  
Heidelberg, November 20, 2020



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