

## **RLXIB-IESC-E Mean Time Between Failure**

**RLXIB-IESC-E MTBF = 386,535 hours (44.1 years)**

Probability that any given unit will not fail within 5 years is determined by the formula  $R(T) = e^{-T/MTBF}$  where  $T = 43,800$  hours. Thus  $R(T) = e^{-.11331} = 0.8929$ . There is a 89.29% probability that any given RLXIB-IESC-E model will perform without failure for 5 years.

**RLXIB-IESC-E 5-year performance probability = 89.29%**