

In compliance with:

## **CEN ISO 13849-1:2015**

Safety of machinery, safety related parts of control systems Part

1: general principles of design

### **MTTFd AI & AIE Series**

**B10d** rating based on the calculated assumptions below is:-

**= 1,250,000 cycles**

Calculation data assumptions (CEN ISO 13849-1:2015. Annex C):

≡ **Performance Level d (CEN ISO 13849-1. Table 2)**

≡ **Safety Integrity Level 2 (CEN ISO 13849-1. Table 3)**

≡ **MTTFd denotation HIGH (CEN ISO 13849-1. Table 4)**

B10d no. cycles until 10% of components fail dangerously

1,250,000 cycles

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Head of Compliance

