



Data Sheet

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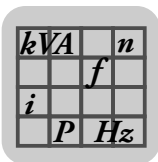
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Functional Safety Characteristic Safety Values of MOVIAxis[®] MXA81A



Data Sheet

Characteristic safety values of MOVIAXIS® MXA81A

1 Data Sheet



INFORMATION

This data sheet does not replace the following applicable publications¹⁾:

- "MOVIAXIS® MX Multi-Axis Servo Inverter" operating instructions
- "MOVIAXIS® Multi-Axis Servo Inverter Functional Safety" manual

1) We reserve the right to make technical changes.

1.1 Characteristic safety values of MOVIAXIS® MXA81A

MXA81..	Characteristic values according to EN ISO 13849-1: 2006
Approved safety classes	Performance level d
Probability of a dangerous failure per hour (= PFH value)	3.3×10^{-9} 1/h
Working life (corresponds to the proof test interval according to IEC 61508)	20 years or 10×10^6 switching cycles, after which the component must be replaced with a new one.
Safe condition	Safe torque off (STO)