

# Certificate

No. SEBS-A.100909/17 V 1.0

TÜV NORD Systems GmbH & Co. KG hereby certifies to

**ABB Oy**  
Hiomotie 13  
FI-00381 Helsinki  
Finland

that the realization of the safety function “Safe Torque Off” in the ABB  
drives series Type

**ACS850**  
**ACQ810**  
**ACSM1**

meets the requirements listed in the below mentioned standards

- IEC 61508-1/-2: 2010; capable up to SIL 3
- ISO 13849-1/-2:2015; capable up to PL e
- IEC 62061: 2015; capable up to SILcl 3
- DIN EN 61800-5-2: 2008 capable up to SIL 3

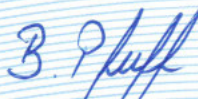
Base of certification is the report  
SEBS-A.100909/17TB

This certificate entitles the holder to  
use the pictured safety approved mark.

Valid until: 2022-10-26

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Hamburg, 2017-10-26



Bianca Pfuff

