

Certificate

No. SEBS-A.150217/17, V2.0

TÜV NORD Systems GmbH & Co. KG hereby certifies to

ABB Oy
Himotie 13
00381 Helsinki
Finland

that the safety function Safe Torque Off (STO) within the
ABB drive series

ACS480 and ACH480

meet the requirements listed in the following standards

- IEC 61508 part 1:2010; part 2:2010; capable up to SIL 3
- ISO 13849-1:2015, ISO 13849-2:2012; capable up to PL e (category 3)
- IEC 61800-5-2:2016; capable up to SIL 3
- IEC 62061: 2021; capable up to SIL 3

Certification program Leittechnik (SEB-ZE-SEECERT-VA-320-20, Rev. 5.1/04.19)

Basis of the certification are the report
SEBS-A.150217/17TB and the tracking list
in the valid version.

This certificate entitles the usage of the
adjacent conformity mark.

Valid until: 2027-11-25
Reference: 8114136074

Hamburg, 2022-11-25



Bianca Pfuff



Tracking-list Revision 7.0 for released versions of the certified ACS480 drives

Certification No. SEBS-A.150217/17, V 2.0

Type Code ACS480-04-	Frame -Size	Assessment Report from TÜV NORD	ID	Certification Status	Date of certification	Expiry Date
02A4-1, 02A3-1, 03A7-1, -03A5-1	R0	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
04A8-1, 04A6-1, 06A9-1, 06A6-1, 07A8-1, 07A4-1, 02A4-2, 02A3-2, 03A7-2, 03A5-2, 04A8-2, 04A6-2, 06A9-2, 06A6-2, 07A8-2, 07A5-2, 09A8-2, 02A7-4, 02A1-4, 03A4-4, 03A0-4, 04A1-4, 03A5-4, 05A7-4, 04A8-4, 07A3-4, 06A0-4, 09A5-4, 07A6-4	R1	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
09A8-1, 09A3-1, 12A2-1, 11A6-1, 12A2-2, 11A6-2, 12A7-4, 11A4-4	R2	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
018A-4, 014A-4, 026A-4, 021A-4, 17A5-2, 017A-2, 25A0-2, 024A-2	R3	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
033A-4, 027A-4, 039A-4, 034A-4, 046A-4, 050A-4, 042A-4, 032A-2, 031A-2, 048A-2, 046A-2, 055A-2, 053A-2	R4	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25

Tracking-list Revision 7.0 for released versions of the certified ACH480 drives

Certification No. SEBS-A.150217/17, V 2.0

Type Code ACH480-04--	Frame -Size	Assessment Report from TÜV NORD	ID	Certification Status	Date of certification	Expiry Date
02A4-1, 02A3-1, 03A7-1, -03A5-1	R0	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
04A8-1, 04A6-1, 06A9-1, 06A6-1, 07A8-1, 07A4-1, 02A4-2, 02A3-2, 03A7-2, 03A5-2, 04A8-2, 04A6-2, 06A9-2, 06A6-2, 07A8-2, 07A5-2, 09A8-2, 02A7-4, 02A1-4, 03A4-4, 03A0-4, 04A1-4, 03A5-4, 05A7-4, 04A8-4, 07A3-4, 06A0-4, 09A5-4, 07A6-4	R1	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
09A8-1, 09A3-1, 12A2-1, 11A6-1, 12A2-2, 11A6-2, 12A7-4, 11A4-4	R2	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
018A-4, 014A-4, 026A-4, 021A-4, 17A5-2, 017A-2, 25A0-2, 024A-2	R3	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25
033A-4, 027A-4, 039A-4, 034A-4, 046A-4, 050A-4, 042A-4, 032A-2, 031A-2, 048A-2, 046A-2, 055A-2, 053A-2	R4	SEBS-A.150217/17TB V7.0	8114490641	valid	2022-11-25	2022-11-25

	Release ABB:	Release Assessor:	Release Certification Body:
Signature:			
Date:			