

Certificate

No. SEBS-A.150217/17 V 1.1

TÜV NORD Systems GmbH & Co. KG hereby certifies to

ABB Oy
Hiomotie 13
FI-00381 Helsinki
Finland

that the drive series

ACS480 and ACH480

With the safety function Safe Torque Off (STO), 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 62061:2015; capable up to SIL_{CL} 3

Certificationprogram Leittechnik (SEB-ZE-SEECERT-VA-320-20, Rev. 3/9.15)

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

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

Valid until: 2022-11-24

File reference: 8114490641

Hamburg, 2018-06-08



T. Nelke



Tracking-list Revision 5.0 for released versions of the certified ACS480 drives

Certification No. SEBS-A.150217/17, V 1.1

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 V5.0	8114490641	valid	2020-12-10	2022-11-24
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 V5.0	8114490641	valid	2020-12-10	2022-11-24
09A8-1, 09A3-1, 12A2-1, 11A6-1, 12A2-2, 11A6-2, 12A7-4, 11A4-4	R2	SEBS-A.150217/17TB V5.0	8114490641	valid	2020-12-10	2022-11-24
018A-4, 014A-4, 026A-4, 021A-4	R3	SEBS-A.150217/17TB V5.0	8114490641	valid	2020-12-10	2022-11-24
033A-4, 027A-4, 039A-4, 034A-4, 046A-4, 050A-4, 042A-4	R4	SEBS-A.150217/17TB V5.0	8114490641	valid	2020-12-10	2022-11-24

Tracking-list Revision 5.0 for released versions of the certified ACH480 drives

Certification No. SEBS-A.150217/17, V 1.1

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 V5.0	8114490641	valid	2020-12-10	2022-11-24
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 V5.0	8114490641	valid	2020-12-10	2022-11-24
09A8-1, 09A3-1, 12A2-1, 11A6-1, 12A2-2, 11A6-2, 12A7-4, 11A4-4	R2	SEBS-A.150217/17TB V5.0	8114490641	valid	2020-12-10	2022-11-24
018A-4, 014A-4, 026A-4, 021A-4	R3	SEBS-A.150217/17TB V5.0	8114490641	valid	2020-12-10	2022-11-24
033A-4, 027A-4, 039A-4, 034A-4, 046A-4, 050A-4, 042A-4	R4	SEBS-A.150217/17TB V5.0	8114490641	valid	2020-12-10	2022-11-24

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