

Certificate

No. SEBS-A.113956/18, V.2.0

TÜV NORD Systems GmbH & Co. KG hereby certifies

ABB Beijing Drive Systems Company Limited
No.1 Block D, A-10 Jiuxianqiao Beilu,
Chaoyang District,
Beijing , China, 100015

that the

ACx53x drive series

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 13849-1:2023, 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 SIL3

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

Base of certification is the report SEBS-A.113956/18TB in the valid version. The released types of the certified ACx53x drives are given in the "tracking-list". This list is an add-on to this certificate.

This certificate entitles the usage of the adjacent conformity mark.

Expiry date: 2028-09-13
Reference No: 8115688885

Hamburg, 2023-09-13



B. Pfuff



Tracking-list Revision 5.0 for released versions of the certified ACx53x drives

Certification No. SEBS-A.113956/18, V 2.0

Type Code ACS530-01-	Frame - Size	Assessment report from TÜV NORD	ID	Certific ation Status	Date of certification	Expiry date
02A7-4, 03A4-4, 04A1-4, 05A7-4, 07A3-4, 09A5-4, 12A7-4	R1	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
018A-4, 026A-4,	R2	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
033A-4, 039A-4, 046A-4	R3	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
062A-4, 073A-4, 089A-4	R4	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
088A-4, 106A-4	R5	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
145A-4	R6	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
169A-4, 206A-4	R7	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
246A-4, 293A-4	R8	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
363A-4, 430A-4	R9	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
02A6-4, 03A3-4, 04A0-4, 05A6-4, 07A2-4, 09A4-4	B0	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
12A6-4	B1	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
017A-4, 025A-4	B2	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13

Tracking-list Revision 5.0 for released versions of the certified ACx53x drives

Certification No. SEBS-A.113956/18, V 2.0

Type Code ACQ531-01-	Frame - Size	Assessment report from TÜV NORD	ID	Certific ation Status	Date of certification	Expiry date
02A7-4, 03A4-4, 04A1-4, 05A7-4, 07A3-4, 09A5-4, 12A7-4	R1	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
018A-4, 026A-4,	R2	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
033A-4, 039A-4, 046A-4	R3	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
062A-4, 073A-4, 089A-4	R4	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
088A-4, 106A-4	R5	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
145A-4	R6	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
169A-4, 206A-4	R7	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
246A-4, 293A-4	R8	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
363A-4, 430A-4	R9	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
02A6-4, 03A3-4, 04A0-4, 05A6-4, 07A2-4, 09A4-4	B0	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
12A6-4	B1	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
017A-4, 025A-4	B2	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13

Tracking-list Revision 5.0 for released versions of the certified ACx53x drives

Certification No. SEBS-A.113956/18, V 2.0

Type Code ACH531-01-	Frame - Size	Assessment report from TÜV NORD	ID	Certific ation Status	Date of certification	Expiry date
02A7-4, 03A4-4, 04A1-4, 05A7-4, 07A3-4, 09A5-4, 12A7-4	R1	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
018A-4, 026A-4,	R2	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
033A-4, 039A-4, 046A-4	R3	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
062A-4, 073A-4, 089A-4	R4	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
088A-4, 106A-4	R5	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
145A-4	R6	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
169A-4, 206A-4	R7	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
246A-4, 293A-4	R8	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
363A-4, 430A-4	R9	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13

Tracking-list Revision 5.0 for released versions of the certified ACx53x drives

Certification No. SEBS-A.113956/18, V 2.0

Type Code ACS530-04-	Frame - Size	Assessment report from TÜV NORD	ID	Certific ation Status	Date of certification	Expiry date
505A-4, 585A-4, 650A-4	R10	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
725A-4, 820A-4, 880A-4	R11	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13

Type Code ACQ531-04-	Frame - Size	Assessment report from TÜV NORD	ID	Certific ation Status	Date of certification	Expiry date
505A-4, 585A-4, 650A-4	R10	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13
725A-4, 820A-4, 880A-4	R11	SEBS-A.113956/18TB V7.0	8115688885	valid	2023-10-20	2028-09-13

	Release ABB:	Release assessor:	Release certification body:
Signature:			
Date:			