

Certificate

No. SEBS-A.1012331/16, V.1.0

TÜV NORD Systems GmbH & Co. KG hereby certifies

ABB Oy
Hiomotie 13
00380 Helsinki
Finland

that the safety function "Safe Torque Off – STO" within the
ABB general purpose drive series

ACS580

meets the requirements listed in the below mentioned standards

- IEC 61508 part 1:2010, part 2:2010; capable up to SIL 3
- ISO 13849 part 1:2015, part 2:2012; capable up to PL e (category 3)
- IEC 62061:2015; capable up to SIL_{CL3}
- IEC 61800-5-2:2016; capable up to SIL 3

The drive series can also be used in safety applications up to SIL 3 according to IEC 61511

Base of certification is the report
SEBS-A.101233/16TB and the tracking
list in the valid version.

This certificate entitles the holder to
use the pictured Safety Approved mark.

Valid until: 2022-08-17
File reference: 8114136074

Hamburg, 2017-08-17



Bianca Pfuff



Tracking-list Revision 1.0 for released versions of the certified ACS580 drives

Certification No. SEBS-A.1012331/16, V 1.0



Type Code ACS580-01-	Frame -Size	Assessment Report from TÜV NORD	ID	Certification Status	Date of certification	Expiry Date
02A6-4, 03A3-4, 04A0-4, 05A6-4	R0	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
07A2-4, 09A4-4, 12A6-4	R1	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
017A-4, 025A-4	R2	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
032A-4, 038A-4, 045A-4	R3	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
062A-4, 073A-4, 077A-4	R4	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
088A-4, 106A-4, 061A-4, 072A-4, 087A-4	R5	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
105A-4, 145A-4	R6	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
169A-4, 206A-4	R7	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
246A-4, 293A-4	R8	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
363A-4, 430A-4	R9	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17

Type Code ACS580-04-	Frame -Size	Assessment Report from TÜV NORD	ID	Certification Status	Date of certification	Expiry Date
505A-4, 585A-4, 650A-4	R10	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
725A-4, 820A-4, 880A-4	R11	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17

Tracking-list Revision 1.0 for released versions of the certified ACS580 drives

Certification No. SEBS-A.1012331/16, V 1.0



Type Code ACS580-07-	Frame -Size	Assessment Report from TÜV NORD	ID	Certification Status	Date of certification	Expiry Date
0145A-4	R6	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
0169A-4, 0206A-4	R7	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
0246A-4, 0293A-4	R8	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
0363A-4, 0430A-4	R9	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
495A-4, 575A-4, 640A-4	R10	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17
715A-4, 810A-4, 870A-4	R11	SEBS-A.101233/16TB V1.0	8114136074	valid	2017-08-17	2022-08-17

	Release ABB:	Release Assessor:	Release Certification Body:
Signature:		<i>[Signature]</i>	<i>[Signature]</i>
Date:		2017-08-17	2017-08-17