

Certificate

1435.IM.104655/22, V1.1

TÜV NORD Systems GmbH & Co. KG hereby certifies to

ABB Oy
Hiomotie 13
00380 Helsinki
Finland

that the safety module

FSCS-21

as plug-in modules for the industrial drive ACS880, ACS580 and ACS 380 series with the integrated safety functions “Safe Torque Off (STO)” and “Safe Stop 1 (SS1-t)” meets the requirements listed in the following standards:

- IEC 61508-1/-2/-3:2010; SIL 3
- IEC 61800-5-2:2016; SIL 3
- ISO 13849-1:2023; PL e
- ISO 13849-2:2012; PL e

Certification program Leittechnik (SEB-ZE-SEECERT-VA-320-20, Rev. 5.1 / 4.19)

The safety module FSCS-21 can also be used in safety applications up to SIL 3 according to IEC 62061:2021/AMD1:2024 and according to IEC 61511-1:2016 + COR1:2016 + A1:2017

The certification is based on the report No. 1435.IM.104655/22TB in the valid version.

This certificate entitles the usage of the adjacent conformity mark.

Valid until: 2029-05-17
File reference: 8120179778

Hamburg, 2024-05-28

T. Nelke

Certification Body SEECERT
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