

UK Type Examination Certificate CML 21UKEX9301 Issue 1**United Kingdom Conformity Assessment**

1 Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

2 Equipment **Thermal motor protection system for converter drive ACS580, ACH580 and ACQ580 series**

Certified types **ACS580 +L537 +Q971 (CPTC-02)
ACH580 +L537 +Q971 (CPTC-02)
ACQ580 +L537 +Q971 (CPTC-02)**

Applicant **ABB Oy Drives**

Address **Hiomotie 13,
00380 Helsinki,
Finland**

3 Manufacturer **ABB Oy Drives ABB AS, Drives**

4 Address **Hiomotie 13, Aruküla tee 59,
00380 Helsinki, Rae vald, 75301 Harjumaa,
Finland Estonia**

5 The equipment is specified in the description of this certificate and the documents to which it refers.

6 Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, Approved Body Number 2503, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

The examination and test results are recorded in the confidential reports listed in Section 12.

7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to specific conditions of use (affecting correct installation or safe use). These are specified in Section 14.

8 This UK Type Examination certificate relates only to the design and construction of the specified equipment. Further requirements of the Regulations apply to the manufacturing process and supply of the product. These are not covered by this certificate.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN 50495:2010

10 The equipment shall be marked with the following:



Refer to attached certificate EESF 20 ATEX 051, Issue 1 for specific marking of explosion protection symbols.

Refer to attached certificate EESF 20 ATEX 051, Issue 1 for marked code and ambient temperature range.



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11 Description

For product description refer to attached certificate EESF 20 ATEX 051, Issue 1.

Variation 1

This variation introduced the following modification:

- i. Update to the safety data calculation. STO certificates by TÜV Nord has been renewed.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	21 Jun 2021	R14004D/00	Issue of the prime certificate. EESF 20 ATEX 051, Issue 0 is attached and shall be referred to in conjunction with this certificate.
1	16 Jan 2024	R17302D/00	Issue of the variation certificate. EESF 20 ATEX 051, Issue 1 is attached and shall be referred to in conjunction with this certificate.

Note: Drawings that describe the equipment are listed or referred to in the Annex.

13 Conditions of Manufacture

For conditions of manufacture, refer to attached certificate EESF 20 ATEX 051, Issue 1.

Any routine tests/verifications required by the ATEX certification shall be conducted.

14 Specific Conditions of Use

For specific conditions of use, refer to attached certificate EESF 20 ATEX 051, Issue 1.

Certificate Annex

Certificate Number CML 21UKEX9301
Equipment Thermal motor protection system for converter drive
ACS580, ACH580 and ACQ580 series
Manufacturer ABB Oy Drives



The following documents describe the equipment defined in this certificate:

Issue 0

For drawings describing the equipment, refer to attached certificate EESF 20 ATEX 051. In addition to the drawings listed on EESF 20 ATEX 051, the following drawings include the additional marking required for this UK Type Examination certification:

Drawing No	Sheets	Rev	Approved date	Title
3AXD50000033951	1 of 1	E	21 Jun 2021	3AXD50000033951

Issue 1

No drawings have been updated as part of this certification.