

# EU Declaration of Conformity

ATEX Directive 2014/34/EU

We

Manufacturer: ABB Oy

Address: Hiomotie 13, 00380 Helsinki, Finland.

Phone: +358 10 22 11

declare under our sole responsibility that the following products:

## Frequency converters

**ACS880-07, -17, -37, -107**

**ACS880-07CLC, -07LC, -17LC, -37LC, -107LC**

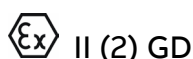
identified with serial numbers beginning with 1 or 8

with regard to the safety function

**ATEX certified thermal motor protection** (option codes +L513 +Q971, +L514 +Q971)

are in conformity with all the relevant requirements for protective system of EU Directive for Equipment for Explosive atmospheres 2014/34/EU.

Specific marking of explosion protection



The following harmonized standard has been applied:

|               |   |
|---------------|---|
| EN 50495:2010 | Safety devices required for the safe functioning of equipment with respect to explosion risks |
|---------------|---|

The following other standards have been applied:

|                           |   |
|---------------------------|---|
| EN 61800-5-2:2007         | Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional  |
| IEC 61800-5-2:2016        |   |
| IEC 61508:2010, parts 1-2 | Functional safety of electrical / electronic / programmable electronic safety-related systems |

Notified Body: Eurofins Electric & Electronics Finland Oy, Notified Body number: 0537, Address: Kivimiehentie 4, 02150 Espoo, Finland

has assessed the conformity of the “ATEX certified thermal motor protection” function and has issued the certificate EESF 20 ATEX 049.

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The products referred in this Declaration of conformity fulfil the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000497305.

Helsinki, 19 Jun 2023

Signed for and on behalf of:



Peter Lindgren  
Vice President, ABB Oy



Vesa Tiisonen  
Manager, Reliability and Quality, ABB Oy