

# 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** (frames nxR8i)


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

 II (2) GD

The following harmonized standard has been applied:

EN 50495:2010	Safety devices required for the safe functioning of equipment with respect to explosion risks
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The following other standards have been applied:

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

Notified Body: Eurofins Expert Services 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, 12 Oct 2020

Signed for and on behalf of:



Peter Lindgren  
Vice President, ABB Oy



Vesa Tiihonen  
Manager, Product Engineering and Quality