



(1) **Supplementary Type Examination Certificate No. 2**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) Type Examination Certificate number:

FTZÚ 15 ATEX 0084

(4) Equipment: **Three-Phase Asynchronous Motor
Type 1MB1531-..., 1MB1521-..., 1MB1533-..., 1MB1523-...
Frame size: -0C..., -0D..., -0E..., (71 to 90)**

(5) Manufacturer: **Siemens AG
Process Industries and Drives, Large Drives, Product**

(6) Address: **Vogelweiherstraße 1-15, 90441 Nürnberg, Germany**

(7) This supplementary certificate extends Type Examination Certificate No. FTZÚ 15 ATEX 0084 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute certifies that this product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014.

(9) In accordance with Article 41 of Directive 2014/34/EU, Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-31:2014

(11) The marking of the product shall include the following:

 **II 3D Ex tc IIIB T120°C Dc or**
II 3G Ex ec IIC T3 Gc or Ex ec IIB T3 Gc or

 **II 3GD Ex ec IIC T3 Gc**
Ex tc IIIB T120°C Dc

(12) This certificate is valid till: **05.08.2024**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 05.08.2019

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13)

Schedule

(14)

**Supplementary Type Examination Certificate No. 2
to FTZÚ 15 ATEX 0084**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Prolongation of certificate validity
- Documentation updating
- Evaluation of the product according to the standard: EN 60079-7:2015
- Manufacturer name update
- Equipment Ex marking is changed from "nA" to "ec" according to EN 60079-7:2015.
- the supplementary certificate verifies following modification of product:
 - o Group II motors can be alternatively equipped with non-metallic fan impeller. Maximum ambient temperature range for the motors with non metallic fan impeller is from -30°C to +60°C .
 - o Anti condensation heater can be switch on immediately after motor is not running. Delay time 45 minutes is cancelled.
 - o

Technical parameters and construction of the products excepting above described modifications remain unchanged.

(16) Report Number.: 15/0084/2 05.08.2019

(17) Specific Conditions of Use:

None.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 05.08.2019

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

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(14)

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(19) Drawings and Documents:

Number	Sheet	Issue	Date	Description
A5E45618546A	22	0.3	30.07.2019	Description of machines
A5E44455710A	173	-	12/2018	Operating instruction
D81-1 2018	14	-	29.08.2018	Catalogue dates
A5E35687387A_AB	1	002	01.08.2019	Drawing
A5E35765293A_AA	1	001	03.10.2018	Drawing
A5E36441264A_AC	1	004	03.10.2018	Drawing
A5E36503507A_AA	1	001	03.10.2018	Drawing
51457071220003_AE	1	004	26.09.2018	Drawing: Model No. 51457071220203
51458080220000_AD	1	004	26.09.2018	Drawing: Model No. 51458080220200
51458090220000_AC	1	003	26.09.2018	Drawing: Model No. 51458090220200
A5E45621393A	8	0.1	03.09.2018	Table
A5E45689355A	5	0.1	03.09.2018	Table
A5E48101420A	4	0.1	31.07.2019	Table
56501331000002	11	1.0	03.04.2017	Isolation system
56501331100	5	1.0	18.04.2017	Isolation system
56501331200	5	1.0	18.04.2017	Isolation system

Responsible person:


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Head of Certification Body



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