



Supplement No. 2 to EC-Type Examination Certificate

- (1) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 94/9/EC)**

(3) EC-Type Examination Certificate Number:

FTZÚ 07 ATEX 0127X

(4) Equipment or protective system: **Explosion Proof Induction Motor, type A . M 180 ...**

(5) Manufacturer: **EM Brno s.r.o.**

(6) Address: **Jílková 124, 615 32 Brno, Czech Republic**

(7) This supplement of certificate is valid for: - new model (variant) – extension of series
- prolongation of certificate validity

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, a list of which is mentioned in the schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains other requirements, which manufacturer shall fulfil before products are placed on the market or introduce in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

EN 60079-0:2012 EN 60079-1:2007 EN 60079-7:2007

(11) Marking of equipment shall contain symbols:

 **I M2 Ex d I Mb or Ex de I Mb**

 **II 2G Ex d IIB+H₂ T4, T5 Gb or Ex de IIB+H₂ T4,T5 Gb (-40°C < T_{amb} < +60°C)**

 **II 2G Ex d IIB T4, T5 Gb or Ex de IIB T4,T5 Gb (-60°C < T_{amb} < +60°C)**

(12) This type examination certificate is valid till: **30.04.2021**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 19.04.2016

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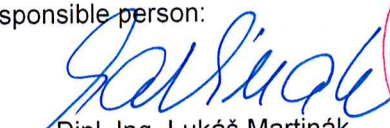
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Physical Technical Testing Institute
Ostrava – Radvanice

- (13) **Schedule**
- (14) **Supplement No. 2 to
EC-Type Examination Certificate N° FTZÚ 07 ATEX 0127X**
- (15) Description of Equipment or Protective System:
- a) Three-phase squirrel – cage induction motor type A . M 180 ... is recertified according to standard EN 60079-0:2012.
 - b) The extension of a variant of the terminal box (6 pcs. power terminals, 4-7 pcs. auxiliary terminals, 7- multiple wire bushing, 3 pcs. cable glands).
- (16) Report No.: 07/0127-2 dated 19.04.2016
- (17) Special conditions for safe use:
- 17.1 Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.
 - 17.2 Cable glands have to be certified according to the standards mentioned in (10) of this certificate.
- (18) Essential Health and Safety Requirements:
Covered by standards mentioned in (10) of this certificate.
- (19) List of Documentation:
- Technical description No. 9226244110 (29 pages) revision on dated 02.07.2015
 - Drawing No.: 2 600 1203 rev.a 23.03.2016

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