

EC Declaration of Incorporation

- Translation -
(english)

ZA87ex-GB 1831 Index 006

as defined by the EC Machinery Directive 2006/42/EC, Annex II B

The design of the incomplete machine:

- External rotor motor for explosion-hazardous areas, type of protection "nA" / "ec" or "e" / "eb" MK..
- Axial fan for explosion-hazardous areas, type of protection "c" / "h", with external rotor motor for explosion-hazardous areas, type of protection "nA" / "ec" or "e" / "eb" FB..
- Centrifugal fan for potentially explosive areas, ignition protection class "c" / "h" with external rotor motor, ignition protection class "nA" / "ec" or ignition protection class "e" / "eb" for RE.., RH.
- Centrifugal fan for explosion-hazardous areas, type of protection "c" / "h", with internal rotor motor for explosion-hazardous areas, type of protection "tc" RH.., GR..
- Centrifugal fan for explosion-hazardous areas, type of protection "c" / "h", with internal rotor motor for explosion-hazardous areas, type of protection "d" / "db" ER..
- Centrifugal fan for explosion-hazardous areas, type of protection "c" / "h", with internal rotor motor for explosion-hazardous areas, type of protection "nA" / "ec" GR.., RG..
- Centrifugal fan for explosion-hazardous areas, type of protection "c" / "h", with internal rotor motor for explosion-hazardous areas, type of protection "tc" GR.., RG..

Motor type:

- Asynchronous external or internal rotor motor
- Electronically commutated internal rotor motor (with integrated EC controller)

complies with the requirements in Appendix I, Articles 1.1.2, 1.1.5, 1.4.1, 1.5.1, 1.5.7 in EC Machinery Directive 2006/42/EC.

The manufacturer is the

ZIEHL-ABEGG SE
Heinz-Ziehl-Strasse
D-74653 Künzelsau

The following harmonised standards have been used:

EN 1127-1:2011	Explosive atmospheres - Explosion protection - Part 1: Fundamentals and methodology
EN 60204-1:2006	Safety of machinery; electrical equipment of machines; Part 1: General requirements
EN ISO 12100:2010	Safety of machinery; basic concepts, general principles for design
EN ISO 13857:2008	Safety of machinery; safety distances to prevent danger zones being reached by the upper limbs

Note: The maintenance of the EN1-ISO 13857:2008 relates only to the installed accidental contact protection, \rightarrow provided that it is part of the scope of delivery.

The specific technical documentation in accordance with Appendix VII B has been written and is available in its entirety.

The person authorised for compiling the specific technical documentation is: Dr. W. Angelis, address see above.

The specific documentation will be transmitted to the official authorities on justified request. The transmission can be electronic, on data carriers or on paper. All industrial property rights remain with the above-mentioned manufacturer.

It is prohibited to commission this incomplete machine until it has been secured that the machine into which it was incorporated complies with the stipulations of the EC Machinery Directive.

Künzelsau, 01.08.2018
(location, date of issue)

ZIEHL-ABEGG SE
Dr. W. Angelis
Technical Director Air Movement Division
(name, function)

i.v. W. Angelis

(Signature)

ZIEHL-ABEGG SE
Dr. D. Kappel
Deputy Head of Electrical Systems
(name, function)

i.v. David Kappel

(Signature)