

Translation

(1) **1st Supplement to the EC-Type Examination Certificate**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC Supplement accordant with Annex III number 6
- (3) No. of EC-Type Examination Certificate: **BVS 13 ATEX E 105 U**
- (4) Component: **Anschlusskasten type K41**
- (5) Manufacturer: **Winkelmann Elektromotoren GmbH & Co. KG**
- (6) Address: **Im Neuen Felde 88-90, 29525 Uelzen, Germany**
- (7) The design and construction of this component and any acceptable variation thereto are specified in the appendix to this supplement.
- (8) The certification body of DEKRA EXAM GmbH, notified body no. 0158 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in the Test and Assessment Report BVS PP 13.2200 EG.
- (9) The Essential Health and Safety Requirements are assured by compliance with:
EN 60079-0:2012 + A11:2013 General requirements
EN 60079-7:2007 Increased safety "e"
- (10) The sign "U" placed after the certificate number indicates that the certificate must not be mistaken for a certificate for equipment. This certificate may only be used as the basis for the certification of equipment.
- (11) This supplement to the EC-Type Examination Certificate relates only to the design, examination and tests of the specified component in accordance to Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
- (12) The marking of the component shall include the following:

 **II 2G Ex e IIA/IIB/IC Gb***

*Gasgroup depending on the thickness of the enclosure painting

DEKRA EXAM GmbH
Bochum, dated 2015-10-26

Signed: Simanski

Signed: Dr. Wittler

Certification body

Special services unit

- (13) Appendix to
- (14) **1st Supplement to the EC-Type Examination Certificate
BVS 13 ATEX E 105 U**
- (15) 15.1 Subject and type

Terminal box type K41

15.2 Description

The terminal box is designed in type of protection „e“ - increased safety. The terminal box is used for mounting on motors/generator in type of protection "d" - flameproof enclosure.

The terminal box consists of a cover and a bottom part which is made of aluminium casting.

The reason of the supplement is increase of the limits of the service temperature and the change of the IP protection degree.

15.3 Parameters

Rated voltage	12 - 630 V
Rated cross section	4 - 35 mm ²
Limits of service temperature	-50 °C ... +160 °C
IP Protection degree	IP64

- (16) Test and Assessment Report

BVS PP 13.2200 EG as of 2015-10-26

- (17) Installation instructions

If the terminal box K41 is used for the gas group IIC, the painting of the enclosure must not be thicker than 0.2 mm according table 8 (EN 60079-0:2012).

If the terminal box K41 is used for the gas group IIA/IIB, the painting of the enclosure must not be thicker than 2 mm according table 8 (EN 60079-0:2012).

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA EXAM GmbH
44809 Bochum, 2015-10-26
BVS-Pz/Nu A 20141103



Certification body



Special services unit