



EC-Type Examination Certificate

- (1)
- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) Examination Certificate Number
SEV 10 ATEX 0154 X
- (4) Equipment: Ex motor capacitor type 24 *** **
- (5) Manufacturer: Süko Kondensatorenbau GmbH & Co
- (6) Address: Robert-Bosch-Strasse 2, DE-72411 Bodelshausen
- (7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Electrosuisse SEV as notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment 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 results of the examination are recorded in confidential report No. 10-IK-0153.01
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
EN 1127-1:2007 EN 60079-0:2009 EN 60079-5:2007
- (10) If the sign «X» is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This examination certificate relates only to design and construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.
- (12) The marking of the equipment shall include the following:

 **II 2G Ex q IIC T6 Gb**

Electrosuisse SEV
Certification Body ATEX

Fehraltorf, 2010-11-23

Martin Plüss
Product Certification



Appendix

(13)

(14)

EC-Type Examination Certificate SEV 10 ATEX 0154 X

(15) Description of the equipment

The Ex motor capacitor type 24 *** *** is a capacitor built into an aluminium container with the type of protection "powder filling".

Ratings

Rated voltage	U_N	=	280 V
Capacity	C_N	=	1 ... 55 μ F

Rated voltage	U_N	=	420/470 V
Capacity	C_N	=	1 ... 30 μ F

Notes

1. According to Directive 94/9/EC (ATEX 95) Appendix I, the Ex motor capacitor type 24 *** *** is a device of equipment group II, category 2G which, according to Directive 99/92/EC (ATEX 137) can be used in zones 1 and 2 as well as gas groups IIA, IIB and IIC, which are potentially explosive due to combustible substances in the temperature classes T1 to T6. For use/installation, the requirements of EN 60079-14 must be observed.
2. The permissible ambient temperature range is -20°C to +50°C.
3. The condition of the adhesive tape covering the vent openings must be checked at appropriate or regular intervals. Capacitors with damaged adhesive tape covering must be replaced (see operating instructions of the manufacturer)!

(16) Test Report

10-IK-0153.01

(17) Special conditions for safe use

The Ex motor capacitors must only be used for fixed installations. The customer must provide an additional clamp for the cable to prevent pulling and rotating forces from being transmitted to the terminals.

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied

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