

(1) **Certificate of Conformity**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) Certificate Number

EPS 18 ATEX 1 127 X

Revision 4

(4) Equipment: Electronic Circuit Protector type ESX10-**-***-DC**V-**A-E

(5) Manufacturer: E-T-A Elektronische Apparate GmbH

(6) Address: Industriestraße 2-8
90518 Altdorf
Germany

(7) This equipment and any acceptable variation thereto are specified in the annex to this Certificate of Conformity and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment 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 of the Directive 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 18TH0207.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

**EN 60079-7:2015,
EN IEC 60079-7:2015/A1:2018**


**EN IEC 60079-15:2019
(EN 60079-15:2010)**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:

 II 3G Ex ec IIC T4 Gc

 II 3G Ex ec nC IIC T4 Gc



Certification department of explosion protection

Ulrich Feike



Tuerkheim, 2023-11-24

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

(13)

Annex

(14) **Certificate of Conformity EPS 18 ATEX 1 127 X**

Revision 4

(15) Description of equipment:

The Electronic Circuit Protectors type ESX10 - ** - *** - DC ** V - ** A-E protect each individual load circuit against overload and short circuit and switch off the load electronically and selectively in the event of a fault. The modules 17PLUS and 18PLUS, the socket 63 and the PDB-S697 are available as optional accessories.

Electrical data:

See user manual.

(16) Reference number: 18TH0207

(17) Special conditions for safe use:

Ambient temperature range: $-40\text{ °C} \leq T_{\text{amb}} \leq +70\text{ °C}$

The device has to be installed in an already certified enclosure approved for explosion protection with minimum IP54. The operating instructions shall be observed for the exact installation conditions.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Tuerkheim, 2023-11-24

