



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEX EPS 18.0059X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 4	Issue 3 (2023-02-07)
Date of Issue:	2023-11-24		Issue 2 (2020-03-09)
Applicant:	E-T-A Elektrotechnische Apparate GmbH Industriestraße 2-8 90518 Altdorf Germany		Issue 1 (2019-11-19)
Equipment:	Electronic Circuit Protector Type ESX10-**-***-DC**V-**A-E		Issue 0 (2018-09-27)
Optional accessory:	Modules 17PLUS and 18PLUS, socket 63, PDB-S697		
Type of Protection:	Increased safety "e"; hermetically-sealed device "nC"		
Marking:	Ex ec IIC T4 Gc		
	Ex ec nC IIC T4 Gc		

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:
(for printed version)



1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: **E-T-A Elektrotechnische Apparate GmbH**
Industriestraße 2-8
90518 Altdorf
Germany

Manufacturing locations: **E-T-A Elektrotechnische Apparate GmbH**
Industriestraße 2-8
90518 Altdorf
Germany

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-15:2017 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/EPS/ExTR18.0064/04](#)

Quality Assessment Report:

[DE/EPS/QAR18.0006/05](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Extendend ambient temperature range.