



EU - Type Examination Certificate

(1)

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

(3) EU - Type Examination Certificate Number

EPS 15 ATEX 1 967 U

Revision 1

(4) Component: Junction box ELAK-Ex-3d

(5) Manufacturer: eltherm production GmbH

(6) Address: Ernst-Heinkel-Straße 6-10, D-57299 Burbach

(7) This component and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, 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 of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 15TH0099.

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

EN 60079-0:2012+A11:2013

EN 60079-1:2014

EN 60079-31:2014

(10) The sign "U" placed behind the certificate number indicates that this certificate shall not be confounded with certificates issued for equipment or protective systems. This certificate is valid for a component without an autonomous function in sense of article 2 (3) and does not authorize for the CE-marking to be applied according to article 13 (3) of the Directive. This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

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

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



II 2G Ex db IIC Gb

II 2D Ex tb IIIC Db

Certification department of explosion protection

Hamburg, 2021-08-10

H. Schaffer

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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. EPS 15 ATEX 1 967 U, Revision 1.



(13)

Annex

(14) **EU - Type Examination Certificate EPS 15 ATEX 1 967 U**

Revision 1

(15) Description of the component:

Flameproof enclosure type ELAK-Ex-3d is made by aluminum constructed rectangular with threaded opening. The intended use is for installation of thermostat switched and terminals.

Technical data:

Voltage: max. 400V

Current: max. 25A

Degree of protection: IP66

Max. service temperature: -60°C to +80°C

Max. power dissipation:

Size (mm)	Temperature class	Ambient temperature	Power (W)
140x120x120	T6/T85°C	+60°C	40W
140x120x120	T6/T85°C	+50°C	50W

(16) Reference number: 15TH0099

(17) Notes for manufacture, installation and operation:

All openings must be closed by certified cable glands or blind plugs.

(18) Essential health and safety requirements:

Met by compliance with standards.

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