

(1) **EU - Type Examination Certificate**

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

(3) EU - Type Examination Certificate Number

EPS 16 ATEX 1 109 X

Revision 2

(4) Equipment: Convection type heater: CREx020xx.x-xx

(5) Manufacturer: STEGO France SAS

(6) Address: Port de Conflans Fin d'Oise
Le Beaupré N° 2
78700 Conflans Sainte Honorine
France

(7) This equipment 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 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. The examination and test results are recorded in the confidential documentation under the reference number 16TH0168.

(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) 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 EU - Type Examination Certificate relates only to the design and examination 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 2G Ex db IIC T3/T4/T5 Gb

II 2D Ex tb IIIC T200°C/T135°C/100°C Db IP66

M2 Ex db I Mb



Certification department of explosion protection

Nuremberg, 2017-07-27


H. Schaffer

Page 1 of 2

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 16 ATEX 1 109 X, Revision 2.

(13)

Annex

(14) EU - Type Examination Certificate EPS 16 ATEX 1 109 X

Revision 2

(15) Description of equipment:

The cabinet heater type CREx020xx.x-xx is made by aluminium profile with insert for resistance heater closed by certified cable gland.

The intended use is for temperature maintenance and prevent of condense water inside cabinets.

Depending on power and ambient temperature following temperature class ratings are used:

Temperature class	Power	Amb. Temperature	Voltage 230V	Voltage 120V
T3	50W	-60°C ≤Ta≤+85°C	CREx02031.0-XX	CREx02031.9-XX
T3	100W	-60°C ≤Ta≤+85°C	CREx02032.0-XX	CREx02032.9-XX
T3	150W	-60°C ≤Ta≤+85°C	CREx02033.0-XX	CREx02033.9-XX
T3	200W	-60°C ≤Ta≤+85°C	CREx02034.0-XX	CREx02034.9-XX
T3	250W	-60°C ≤Ta≤+85°C	CREx02035.0-XX	CREx02035.9-XX
T4	50W	-60°C ≤Ta≤+50°C	CREx02041.0-XX	CREx02041.9-XX
T4	100W	-60°C ≤Ta≤+50°C	CREx02042.0-XX	CREx02042.9-XX
T4	150W	-60°C ≤Ta≤+50°C	CREx02043.0-XX	CREx02043.9-XX
T4	200W	-60°C ≤Ta≤+50°C	CREx02044.0-XX	CREx02044.9-XX
T5	50W	-60°C ≤Ta≤+50°C	CREx02051.0-XX	CREx02051.9-XX
T5	100W	-60°C ≤Ta≤+50°C	CREx02052.0-XX	CREx02052.9-XX

(16) Reference number: 16TH0168

(17) Special conditions for safe use:

The installation shall be made according to manufacturer instructions only in vertical position with sufficient distances to allow convection.

The Heater is not intended for active heating of equipment only for regulated maintenance. The temperature inside the cabinet must be controlled and limited to stay below the rated ambient temperature limits of the heating device.

For use in group I environment the device must be built inside certified Ex-e enclosure.

(18) Essential health and safety requirements:

Met by compliance with standards.



Certification department of explosion protection

H.Schaffer

Nuremberg, 2017-07-27

Page 2 of 2

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 16 ATEX 1 109 X, Revision2.