

EU-TYPE EXAMINATION CERTIFICATE

- 2. Equipment or Protective System Intended for use in Potentially explosive atmospheres
 Directive 2014/34/EU
- 3. EU-Type Examination Certificate Number: **EESF 19 ATEX 030X**

4. Product: Terminal box

1.

Certified types: ESCEx......

Manufacturer: Escarmat Oy

Address: Hirvenpolku 3, FI-65520 Helsingby, Finland

- 7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8. Eurofins Expert Services Oy, Notified Body number 0537, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report No. EUFI29-19001617-T1.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012/A11:2013

EN IEC 60079-7:2015/A1:2018

- 10. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- 11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12. The marking of the product shall include the following:



II 2G Ex eb IIC T4 Gb

Espoo, 22.03.2019

Eurofins Expert Services Oy

Kari Koskela Expert Jenni Hirvelä Expert

This document is digitally signed.





13. Schedule

14. EU-Type Examination Certificate EESF 19 ATEX 030X

15. Description of Product

A metal enclosure for fixed installation.

Rated values

Voltage: Max 400 V

Current: Max 5 A

Degree of Protection

IP66

Components

Enclosures:

Stahl:

8150/0

IECEx PTB 09.0047U, PTB 09 ATEX 1107U

8150/1 and 8150/2

IECEx PTB 09.0048, PTB 09 ATEX 1108

Rittal: KE 93 KE 94

IECEx PTB 09.0033U, PTB 03 ATEX 1013 U

IECEx PTB 09.0035U, PTB 02 ATEX 1082 U

Terminals:

Manufacturer	Туре	Marking	Certificates	Maximum number
Phoenix Contact	UT 4, UT 4 BU and UT 4 PE	Exe II	IECEx KEM 06.0027 U, KEMA 04 ATEX 2048 U	No limit
Phoenix Contact	ST 2,5, ST 2,5 BU and ST 2,5-PE	Exe II	IECEx KEM 06.0051 U, KEMA 00 ATEX 2052 U	No limit
Phoenix Contact	AKG 4 GNYE-EX, AKG 4 BK-EX and AKG 4 BU-EX	Exe II	IECEx KIWA14.0005U, KIWA14ATEX0011U	No limit
Wago	TOB JOB S 2002-1201 and -1301	Exe II	PTB 03 ATEX 1162 U	No limit

Heater and thermostat:

Interco: CP Multitherm DNA 50-150W IECEx PTB 07.0052X, PTB 02 ATEX 1041 X

Steco: CREx 020 IECEx LCI 07.0020X, LCIE 01 ATEX 6073 X

REx 011 IECEx LCI 07.0021, LCIE 01 ATEX 6074

Breathing devices:

CMP: 781E and 781D IECEx SIR 10.0149U, SIRA 10ATEX1307U

Allowed ambient temperature range

Normally -50 °C...+55 °C

With the enclosures of Rittal -30 °C...+ 55 °C and with heaters of Stego -40 °C...+ 55 °C.

16. Report Number

EUFI29-19001617-T1





Expert Services

17. Specific Conditions of Use

The degree of protection IP 66 according to EN 60529 is maintained if only Exe-certified cable entries are used that are suitable for the application and correctly installed.

For the allowed ambient temperature range refer to the manufacturer's instructions.

18. Essential Health and Safety Requirements

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

19. Drawings and Documents

Drawings and documents are listed in the confidential report.

20. Certificate History

Issue	Date	Report No.	Change
VTT 17 ATEX 037X	6.4.2018	S-03827-17	Prime certificate
EESF 19 ATEX 030X	22.3.2019	EUFI29-19001617-T1	Enclosure Stahl 8150/0 added. Certificate number has changed due to the name change of the Notified Body.



