



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 EESF 20.0003X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-03-24

Applicant: **Atexor Oy**
Puurtajantie 16
FI-60100 Seinäjoki
Finland

Equipment: **Transformer SLAM TrafoEx 400**

Optional accessory:

Type of Protection: **Ex eb**

Marking: Ex eb IIC T4/T3 Gb

Approved for issue on behalf of the IECEx
Certification Body:

Kari Koskela

Position:

Expert

Signature:
(for printed version)

Date:

2020-03-24

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:

Eurofins Expert Services Oy
Kivimiehentie 4
FI-02150 Espoo
Finland

 **eurofins** | Expert Services



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Certificate No.: **IECEX EESF 20.0003X**

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Date of issue: 2020-03-24

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Manufacturer: **Atexor Oy**
Puurtajantie 16
FI-60100 Seinäjoki
Finland

Additional
manufacturing
locations:

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 60079-7:2017 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:

[FI/EESF/ExTR20.0003/00](#)

Quality Assessment Report:

[FI/EESF/QAR18.0009/01](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The equipment is a single-phase step down transformer. The transformer is constructed within a certified enclosure with protective carry handles added. The transformer has a supply cable incorporating PE-conductor and up to four sockets (Cooper Crouse-Hinds GmbH; CEAG GHG54*; IECEx BVS 14.0089U) for field wiring connections.

The equipment has Type of Protection Ex eb. However, sockets and fuse holders have Type of Protection Ex eb db. These parts are not intended to be repaired.

Rated values

Primary / input	Secondary / output		
	Voltage (V)	Current (A) *	Power (VA)
230	48	8	384
230	24	16	384
230	12	16	192
110	48	8	384
110	24	16	384

*The maximum output current is the sum of the current in all the sockets. The maximum current is subject to de-rating depending on the ambient temperature.

The primary circuit has a fuse of 4 A and the secondary circuit has a fuse of 8 A or 16 A depending on the output voltage.

Frequency 50Hz/60Hz

Temperature Class

The temperature class is T4 up to +45 °C ambient temperature and T3 up to +55 °C.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The allowed ambient temperature range of the equipment is -20 °C...+55 °C. For ambient temperatures above +39 °C the permitted output current is lower than 16A/8A, see manufacturer's instructions.

The equipment may be moved when energized when plugs are not connected to the sockets. The equipment shall not be moved when plugs are connected.