



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

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX CML 24.0149U** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2025-01-20
Applicant: **BARTEC GmbH**
Max-Eyth- Straße 16
97980 Bad Mergentheim
Germany
Ex Component: Enclosure Window type 07-39F1-****/****

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Increased Safety Ex "e" and Protection by Enclosure Ex "t"**

Marking: Ex eb IIC Gb
Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

L A Brisk

Position:

Assistant Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

20 Jan 2025

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 E&E CML Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





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Manufacturer: **BARTEC GmbH**
Max-Eyth- Straße 16
97980 Bad Mergentheim
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Manufacturing
locations: **BARTEC GmbH**
Max-Eyth- Straße 16
97980 Bad Mergentheim
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 component 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 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

[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 component listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/CML/ExTR24.0182/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/15](#)



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Ex Component(s) covered by this certificate is described below:

The enclosure window, type 07-39F1-****/****, is used in explosion hazardous areas and is built into covers and walls of enclosures with type of protection "increased safety" or "protection by enclosure".

See Annex for full description and Conditions of Manufacture.

SCHEDULE OF LIMITATIONS:

See Annex for Schedule of Limitations.

Annex:

[Certificate Annex IECEx CML 24.0149U Iss. 0.pdf](#)

Annexe to: IECEx CML 24.0149U Issue 0
 Apparatus: Enclosure Window, Type 07-39F1-****/****
 Applicant: Bartec GmbH



Description

The enclosure window, type 07-39F1-****/****, is used in explosion hazardous areas and is built into covers and walls of enclosures with type of protection “increased safety” or “protection by enclosure”. The enclosure window consists of a frame, a window, a gasket, and four screws. The frame, window, and the gasket are mounted outside of the enclosure. The screws are screwed in from the inside, into the frame.

- Mechanical risk level: high
- Degree of protection: IP64
- Tightening torque: 0.9 - 1.3 Nm
- Minimum screw depth into frame: 4 mm

Type no. 0 7 - 3 9 F 1 - * * * * / * * * *
 Code no. A B | C D E F | G H I J | K L M N

Code	Code for	Variations	Description
A, B	Product group	07	Basic program ExCo
C, D	Product sector	39	Ex e components for distribution panels
E	Device	F	Enclosure window
F	Kind of design	1	1st design
G	Frame size	1	frame size 64x64
		2	frame size 72x72
H	Window material	P	Polycarbonate
I	Gasket material	S	Silicon
		E	EPDM
J-N	Number or letter for characteristics without influence on the explosion protection		

Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- Where the product incorporates certified parts or safety critical components, the manufacturer of the product defined on this certificate shall continually monitor these parts/components for any modifications introduced by the manufacturer(s) of these constituent parts. If the manufacturer of any constituent part introduces any changes which affect the compliance of the certified product that is the subject of this certificate, the manufacturer is required to have this certificate updated.



Certificate Annex IECEx
 Version:10.0 Approval: Approved



Eurofins E&E CML Limited
 Newport Business Park, New Port Road
 Ellesmere Port, CH65 4LZ, UK





Schedule of Limitations

The following conditions relate to safe installation and/or use of the equipment.

- i. When the components are installed to electrical equipment, the service temperature of the components shall be within -55°C to $+85^{\circ}\text{C}$.
- ii. Under certain extreme circumstances, the component may be considered to be a potential electrostatic charging hazard. The risk of electrostatic discharge shall be minimized as stated in EN IEC 60079-0 clauses 7.4.2 and 7.4.3. The surface may only be cleaned with a damp cloth.

Components used which are covered by Ex Certificates issued to older editions of Standards

Not applicable.



Certificate Annex IECEX
Version: 9.1 Approval: Draft



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