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 23.0179U**

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Certificate history:
Issue 0 (2026-02-06)

Status: **Current**

Issue No: 1

Date of Issue: 2026-07-14

Applicant: **BARTEC GmbH**
Max Eyth Straße 16
97980 Bad Mergentheim
Germany

Ex Component: Enclosure flap type 07-39D1-****/****

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", Dust Ignition 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) 14 Jul 2026

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
Germany

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 60079-31:2022 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

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

Test Reports:

GB/CML/ExTR23.0275/00 GB/CML/ExTR26.0132/00

Quality Assessment Report:

DE/TUN/QAR06.0017/17

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

The Enclosure flap, type 07-39*1-****/****, is a range of plastic opening flaps comprising of a plastic window.

See Annex for full description and Conditions of Manufacture.

SCHEDULE OF LIMITATIONS:

See Annex for Schedule of Limitations.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Issue 1
This issue introduces the following changes:

1. Assessment against the EN/IEC 60079-31 Ed 3.0 standard.

Annex:

IECEx CML 23.0179U Iss. 1 Certificate Annex.pdf

Annexe to:	**IECEx CML 23.0179U, Issue 1**
Apparatus:	**Enclosure flap type 07-39D1-****/****
Applicant:	**BARTEC GmbH**

Description

The enclosure flap, type 07-39*1-****/****, is a range of plastic openings flaps comprising of a plastic window. They are intended for installation in explosion hazardous areas to be built into covers and walls of enclosures of a distribution panel with type of protection “increased safety” or “protection by enclosure”. The enclosure flap consists of a frame mounted into an enclosure wall and a flap locked to the frame with a special tool.

Mechanical Risk Level:	High
Degree of protection:	Min IP64
Enclosure wall thickness (for mounting):	1.5 – 7mm
Rated torque (fastening screws):	2.5 – 3.0 Nm
Ex-Marking:	II 2G Ex eb IIC Gb
	II 2D Ex tb IIIC Db
Service temperature range:	-55 °C to +85 °C

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

Code	***Code for***	***Variations***	***Description***
A, B	Basic program	07	ExCo
C, D	Product sector	39	Distribution panel components
F	Device	D	Enclosure flap
I	Kind of design	1	1st design
G	Size	1	Large
H	Design	1	Plastic window
I - M	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.

i. 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.

ii A copy of the instruction manual shall be supplied with the product.

Schedule of Limitations

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

i. The service temperature of the Enclosure flap shall be within -55 °C to +85 °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 IEC 60079-0 clauses 7.4.2 and 7.4.3.

iii. The Enclosure flap shall be installed onto an enclosure which meets the requirements of IEC 60079-7 and/or IEC 60079-31

iv. The Enclosure flap shall be installed on an enclosure with a hole size in accordance with dimensions listed in the instruction manual

v. The Enclosure flap shall be installed on an enclosure with a wall thickness between 1.5 - 7 mm

vi. The Enclosure flap shall be installed with an assembly torque value of between 2.5 Nm and 3.0 Nm

vii. In hazardous dust areas, the Enclosure flap shall be installed in such a way that the external surfaces are protected against electrostatic charging.

viii. The Enclosure flap shall only be cleaned with a damp cloth. Or anti-static cloth

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

None.

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