

EU Type Examination Certificate CML 24ATEX3251U Issue 1

- 1 Components intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Component **Enclosure Window, Type 07-39F1-****/******
- 3 Manufacturer **Bar tec GmbH**
- 4 Address **Max-Eyth-Straße 16,
97980 Bad Mergentheim,
Germany**
- 5 The component is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins CML B.V., Chamber of Commerce No 67386717, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776, 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 component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 12.

- 7 The 'U' suffix after the certificate number indicates that the component is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN IEC 60079-0:2018 EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014

- 10 The equipment shall be marked with the following:

 II 2G

 II 2D

Ex eb IIC Gb

Ex tb IIIC Db

11 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 either four or six screws dependant on the frame size. 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 / IP66 – Dependant on model variant
- 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

<u>Code</u>	<u>Code for</u>	<u>Variations</u>	<u>Description</u>
A, B	Basic program	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	1 st design
G	Frame size	1	frame size 64x64
		2	frame size 72x72
		3	frame size 66x122
H	Window material	P	Polycarbonate
		G	ESG
I	Gasket material	S	Silicone
		E	EPDM
J – N	Number or letter for characteristics without influence on the explosion protection		

Variation 1

This Variation introduces the following modifications:

- i. The addition of two alternative gasket materials.
- ii. The addition of an alternative glass window material.
- iii. The addition of a new frame size.

12 Certificate history and evaluation reports

Issue	Date	Associated Report	Notes
0	20 Jan 2025	R17817A/00	Issue of Prime Certification.
1	22 Jan 2026	R18892A/00	Issue of Variation 1.

Note: Drawings that describe the equipment or component are listed in the Annex.

13 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.

14 Schedule of Limitations

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

- i. When the component is fitted with the A-KJ 50-00 EPDM gasket material option, the service temperature of the electrical equipment to which it is installed shall be within -50°C to +85°C.
When the component is fitted with the Medium Cellular Silicone gasket material option, the service temperature of the electrical equipment to which it is installed 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 EN IEC 60079-0 clauses 7.4.2 and 7.4.3. The surface may only be cleaned with a damp cloth.

Certificate Annex

Certificate Number CML 24ATEX3251U

Equipment Enclosure Window, Type 07-39F1-****/****

Manufacturer Bartec GmbH



The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved Date	Title
01-39F1-650001	1 of 1	-	20 Jan 2025	Enclosure Window - 64 x 64
01-39F1-650002	1 of 1	-	20 Jan 2025	Enclosure Window - 72 x 72
01-39F1-650001-BOM	1 of 1	-	20 Jan 2025	Enclosure window type 07-39F1-****/****
01-39F1-650004	1 of 1	-	20 Jan 2025	Enclosure window type 07-39F1-****/****

Issue 1

Drawing No	Sheets	Rev	Approved Date	Title
01-39F1-650001-BOM	1 of 1	A	22 Jan 2026	Enclosure Window – Approval bill of material (BOM)
01-39F1-650003	1 of 1	0	22 Jan 2026	Enclosure Window – Approval drawing