Enclosure Flap

Type 07-39D1-****

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Explosion protection

Notified Body Number	0044
ATEX Ex protection type	Ⓔx II 2G Ex eb IIC Gb Ⓔx II 2D Ex tb IIIC Db
ATEX certificate number	CML 23 ATEX 3496 U
IECEx Ex protection type	Ex eb IIC Gb Ex tb IIIC Db
IECEx certificate number	IECEx CML 23.0179 U
Service temperature range	-55 °C to +85 °C (-67 °F to +176 °F)

For further approvals and certifiactes, see www.bartec.com

Technical data

Degree of protection	min. IP64 acc. to IEC/EN 60529
Enclosure material	Thermoplastic / injection moulding
Window material	Polycarbonat (UV- and scratch resistant)
Gasket material	formed in place
Closing mechanism	with double-bit key acc. DIN 43668 (3 mm / 5 mm) (pull off only in fully closed flap position possible)
Dimensions	332 x 183 x 50 mm
Weight	approx. 1.5 kg
Mounting	Installation in enclosures with wall-thicknesses of 1.5 mm to 7 mm Torque screws 2,5 - 3 Nm

Description

The BARTEC enclosure flaps are used in explosion-hazardous areas in combination with BARTEC´s circuit breaker series 07-39A1/..B1/..C1 to provide easy and fast access during operation in applications like distribution panels.

The enclosure flap has a capacity to cover up to four 2-pole circuit breakers, including auxiliary- and signal contacts. They are developed for easy and fast mounting using self-cutting screws in enclosures with wall thickness from 1.5 mm up to 7 mm and is therefore suitable for the most stainless steel and GRP-enclosures.

Notes about the instructions

When work is carried out in potentially explosive areas, the safety of persons and systems depends on compliance with the relevant safety regulations. Persons in charge of installation and maintenance bear a special responsibility. This requires detailed knowledge of the applicable regulations and provisions. The instructions summarize the most important safety measures and must be read by all persons who work with the product so that they are familiar with the proper way to handle the product. The instructions must be kept available for the entire product service life.

Safety Instructions

The enclosure flap may be used only within the specified operating temperature range. Utilization in areas other than those specified and the modification of the product by anyone other than the manufacturer are not permitted and will exempt BARTEC from liability for defects and any further liability. Incorrect installation can cause malfunctioning and the loss of explosion protection. The enclosure flap may be assembled only by qualified personnel who are authorized and trained to assemble components in hazardous (potentially explosive) areas. The generally applicable statutory rules and other binding directives relating to workplace safety, accident prevention and environmental protection must be adhered to. The enclosure flap may be operated only if it is in a clean and undamaged condition. It is not permissible to modify the enclosure window in any way.

Danger, warning and note symbols

Safety instructions and warnings are specially highlighted in these operating instructions and marked by symbols.

DANGER draws attention to a direct threat which if not avoided will lead to death or very serious injuries.

WARNING draws attention to a possible threat which if not avoided can lead to death or very serious injuries.

CAUTION draws attention to a possible danger which if not avoided can lead to slight or minor injuries.

ATTENTION draws attention to a potentially damaging situation which if not avoided can cause damage to the equipment or to objects in its vicinity.

NOTE Important instructions and information on effective, economical & environmentally compatible handling.

Schedule of Limitations

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

– The service temperature of the Enclosure flap shall be within -55 °C to +85 °C.
– 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 / IEC 60079-0 clauses 7.4.2 and 7.4.3.
– The Enclosure flap shall be installed onto an enclosure which meets the requirements of EN IEC 60079-7 / IEC 60079-7.
– The Enclosure flap shall be installed on an enclosure with a hole size in accordance with dimensions listed on document; 07-39D1-6D0001
– The Enclosure flap shall be installed on an enclosure with a wall thickness between 1.5 - 7 mm
– The Enclosure flap shall be installed at the following assembly torque values:
  - wall thickness ≤ 4.5 mm: 2.8 - 3.0 Nm
  - wall thickness > 4.5 mm: 2.3 - 2.5 Nm

Transport and Storage

ATTENTION
Damage to the enclosure flaps through Incorrect Transport or Storage.
• Transport and storage is permissible in original packaging only.

Assembly, Installation and disassembly

WARNING
Risk of serious injury due to incorrect proceedings.
- Only authorized and qualified personnel may do any of the assembly, disassembly, installation and commissioning work.
- Use suitable tools.
- For assembly and operation of explosion-protected electrical equipment, relevant installation and operating regulations are to adhered. (z.B.Betr.SichV, IEC/EN 60079-14 and series DIN VDE 0100).
- The data on the label and the EU- type examination certificate are to be observed.

ATTENTION
Damage to enclosure flap due to incorrect installation dimensions.
- Before assembly, ensure the perfect condition of the components.

NOTE
Installation dimensions and assembly drawings, see page 4
Min. screw in-depth and tightening torque see page 2.

Operation

DANGER
Death or serious injury through improper use.
- The protective component may be operated only within the technical limits that apply to it (see page 2).

WARNING
When installed in an enclosure: Do not open while energized.

NOTE
- The enclosure flap remains in the open position due to a latching mechanism, for easy operation. When fully opened, the flap has an opening angle of 140°.
- For safety reasons, the double-bit key can only be removed when the flap is fully closed.

Maintanance and fault clearance

WARNING
Risk of serious injury due to incorrect proceedings.
- Only authorized qualified personnel may do any of the work relating to maintenance and fault clearance Ensure that the voltage supply has been isolated or take suitable protective measures.
- IEC/EN 60079-17 must be observed.

The operator of the enclosure flap must keep it in good condition, operate it properly, monitor it and clean it regularly.

Maintanance

WARNING
Risk of serious accidents due to damaged parts.
- Check enclosure flap regularly for cracks and damage. Make sure that they are properly established.

NOTE
Damage to enclosure flap due to incorrect cleaning
- Check the device and seal for damage before and after cleaning them. Decommission damaged devices immediately.
- Clean the device only with a cloth, brush or similar items.
- When cleaning with a damp cloth, use water or mild, non-abrasive, non scratching cleaning agents.
- Do not use abrasive cleaning agents or solvents.

Fault clearance

WARNING
Risk of serious injury due to use of non-original spare parts.
- Use original parts only as replacements.
- IEC/EN 60079-19 must be observed.

Defective enclosure flap can be taken off and replaced by functioning enclosure flap of the same type considering this operational instruction.

Disposal

The components in the enclosure flap contain metal and plastic parts. The statutory requirements for disposing of electronic scrap must be observed therefore (e.g. disposal by an approved disposal company).

Cleaning

DANGER
Warning – potential electrostatic charging hazard.
The surface may only be cleaned with a damp cloth!

Commissioning

The following is to be ensured before commissioning:
– The enclosure flap has been installed correctly
– The enclosure flap is not damaged

Accessories, Spare parts and disposal

See BARTEC website **www.bartec.com**

Service Address

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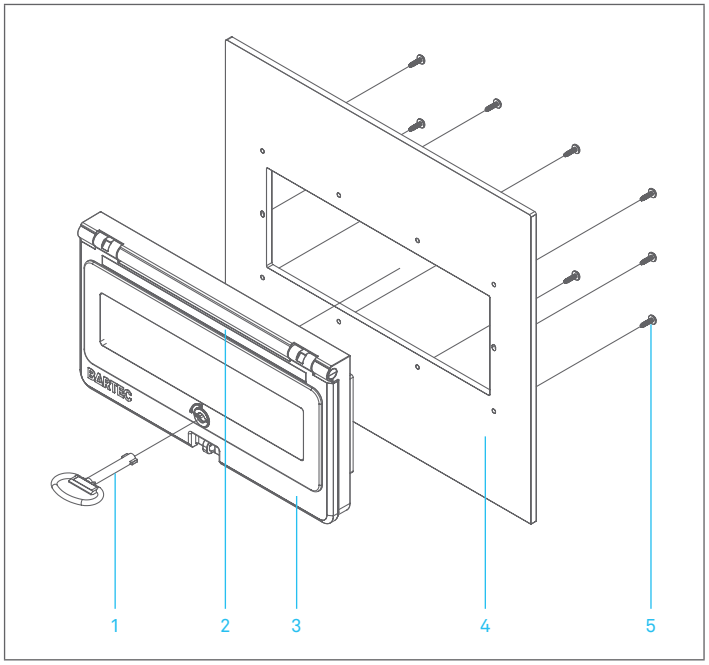
Assembling of the Enclosure Flap

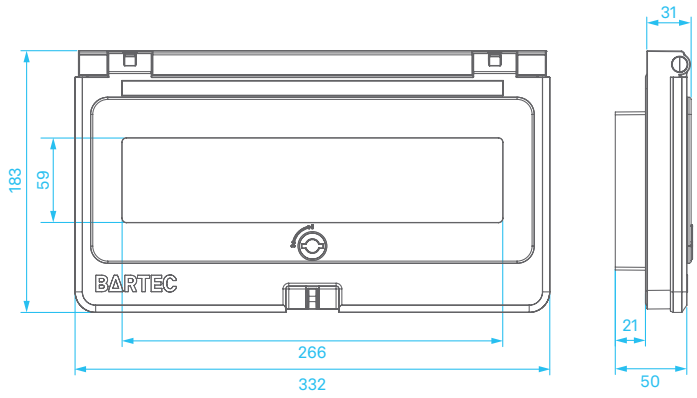


1	Double-bit key
2	Marking inlay
3	Enclosure flap
4	Enclosure
5	Screws

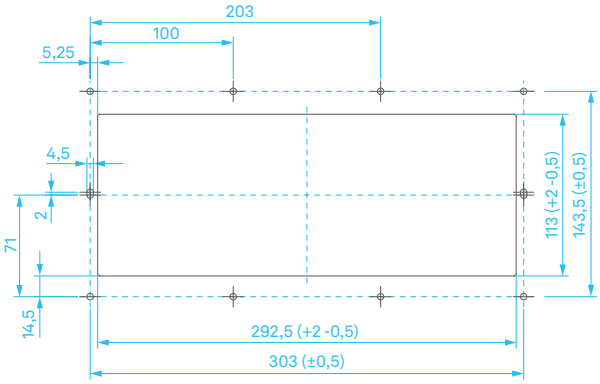
– Create the cutout in the enclosure (4) acc. to dimensions S. 5
– Fasten the enclosure flap (3), to the enclosure (4) using the screws (5).
– Tighten the screws (tightening torque 2.8 to 3.4 Nm).

Dimensions in mm

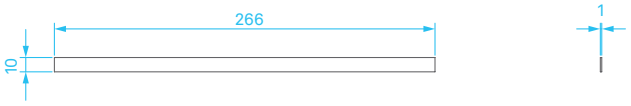
Enclosure flap →



Cut-out →



Marking Inlay →



Konformitätsbescheinigung
Attestation of Conformity
Attestation de conformité

№ 01-39D1-7C0001

Wir	We	Nous
	BARTEC GmbH Max-Eyth-Straße 16 97980 Bad Mergentheim Germany	
erklären in alleiniger Verantwortung, dass das Produkt	declare under our sole responsibility that the product	attestons sous notre seule responsabilité que le produit
Gehäuseklappe	**Enclosure flap**	**Rabat de fermeture**
	Typ 07-39D1-**/******	
auf das sich diese Erklärung bezieht den Anforderungen der folgenden **Richtlinien (RL)** entspricht	to which this declaration relates is in accordance with the provision of the following **directives (D)**	se référant à cette attestation correspond aux dispositions des **directives (D)** suivantes
ATEX-Richtlinie 2014/34/EU **RoHS-Richtlinie 2011/65/EU**	**ATEX-Directive 2014/34/EU** **RoHS-Directive 2011/65/EU**	**Directive ATEX 2014/34/UE** **Directive RoHS 2011/65/UE**
und mit folgenden Normen oder normativen Dokumenten übereinstimmt	and is in conformity with the following standards or other normative documents	et est conforme aux normes ou documents normatifs ci-dessous

EN IEC 60079-0:2018
EN IEC 60079-7:2015/A1:2018

EN IEC 63000:2018

Verfahren der EU-Baumusterprüfung / Benannte Stelle	Procedure of EU-Type Examination / Notified Body	Procédure d'examen UE de type / Organisme Notifié
	CML 23ATEX3496 U(*), issue 0 **2776, CML B.V., Hoogoorddreef 15, 1101BA Amsterdam, NL**	
(*) Die Ex-Komponente ist Teil eines elektrischen Betriebsmittels oder eines Moduls, gekennzeichnet mit dem Symbol „U", das nicht für sich allein verwendet werden darf und über dessen Einbau in elektrische Betriebsmittel oder Systeme zur Verwendung in explosionsgefährdeten Bereichen gesondert entschieden werden muss. Merkmale dieser Komponente sowie die Bedingungen für ihren Einbau in Geräte und Schutzsysteme siehe Betriebsanleitung der Komponente.	(*) The Ex-component is a part of an electrical apparatus or a module, marked with the symbol "U", which is not intended to be used alone and requires additional consideration when incorporated into electrical apparatus or systems for use in explosive atmospheres. Characteristics and how the component must be incorporated into equipment or protective systems see operation manual of the component.	(*) Le composant Ex est partie de matériel électrique ou de module, marquée du symbol « U », ne devant pas être utilisée seule et nécessitant une certification complémentaire lorsqu'elle est incorporée a un matériel électrique ou à un système pour atmosphères explosives. Les caractéristiques du composant ainsi que les conditions d'incorporation dans des appareils ou des systèmes de protection regarde voir l'instruction d'emploi du composant.

0044

Bad Mergentheim, 11.03.2026

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