



EU Type Examination Certificate CML 17ATEX1105U Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Component **Switch Module Type 07-332*-****/******
Control Switch Type 07-333*-**/******
- 3 Manufacturer **Bartec 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 Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK, Notified Body Number 2503, 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 limitations (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 component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the 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 60079-0: 2012+A11:2013 EN 60079-1:2014 EN 60079-7:2015

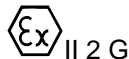
- 10 The equipment shall be marked with the following:



Ex db eb I Mb

Ta = -55°C Ta +40°C (16 A)

Ta = -55°C Ta +60°C (11 A)



Ex db eb IIC Gb

Ta = -55°C Ta +40°C (16 A)

Ta = -55°C Ta +60°C (11 A)



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11 Description

Switch Module

The switch module type 07-332*-****/**** is a built-in switch with two switching elements which can be separately operated. It is suitable for bottom or front mounting and serves as a control switch.

Electrical Data		
Rated operating voltage	24 V	250 V
Application category	DC-13	AC-15
Rated operating current	1 A	10 A
Rated isolation voltage	690 V	
Cross section max.	2.5 mm ²	
Model Number		
		07 - 3 3 2 * - * * 0 * / ****
Code Number	Type	1 - 2 3 4 5 - 6 7 8 9 / 10
1	Program	07 = common code number
2, 3	Product Sector	33 = code for control and indicator module
4	Function	2 = switch module
5	Fixture	1 = bottom 3 = front
6	Connection	1 = terminals 4 = terminals 15°
7	Switch	1 = 2 NC 2 = 2 NO 4 = 1 NC and 1 NO
8	No. of Conductors	0 with clamps
9, 10	Applications	Variants without influence of explosion protection



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Control Switch

The control switch type 07-3331-1***/** for bottom mounting is used as a main switch, as a control switch suitable for isolation, and as a motor switch. It is composed of two switch modules with a single operating unit.

Electrical Data				
Rated operating voltage	24 V	110 V	400 V	400 V
Application category	DC-13	DC-13	AC-15	AC-12
Rated operating current	1 A	0.5 A	10 A	16 A
Rated isolation voltage	690 V			
Cross section max.	2.5 mm ²			
Model Number				
		07 - 3 3 3 1 - 1 * * * / ****		
Code Number	Type	1 - 2 3 4 5 - 6 7 8 9 / 10		
1	Program	07 = common code number		
2, 3	Product Sector	33 = code for control and indicator module		
4	Function	3 = Control Switch		
5	Fixture	1 = bottom		
6	Connection	1 = terminals		
7	Switch	A...Z; e.g. A = 2 positions maintained		
8, 9	Switching Combinations	01...99		
10	Applications	Variants without influence of explosion protection		



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12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	09 Aug 2017	R2271A/00	Issue of prime certificate

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

13 Conditions of Manufacture

There are no conditions of manufacture.

14 Schedule of Limitations

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

- i. The components are to be installed in an enclosure which meets the requirements of a recognised type of protection as specified in Section 1 of EN 60079-0.
- ii. When the components are installed in an increased safety enclosure that complies with EN 60079-7, the creepage and clearance distances must comply with the requirements of Table 1.

Certificate Annex



Certificate Number CML 17ATEX1105U
Equipment Switch Module Type 07-332*-****/****
Control Switch Type 07-333*-****/****
Manufacturer Bartec GmbH

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

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Drawing No	Sheets	Rev	Approved date	Title
01-3321-650001	1 of 1	A	09 Aug 2017	Schaltmodul / Switch Module
01-3331-6501 St	1 to 2	B	09 Aug 2017	Steuerschalter / Control Switch
01-3331-6501	1 of 1	A	09 Aug 2017	Steuerschalter / Control Switch
01-3323-650001 St	1 to 2	A	09 Aug 2017	Schaltmodul / Switch Module
01-3323-4B0015	1 of 1	A	09 Aug 2017	Schaltmodul / Switch Modul
01-3321-6502	1 to 2	A	09 Aug 2017	Schaltmodul / Switch Module