



EU Type Examination Certificate CML 14ATEX3073X Issue 10

1. Issued in accordance with the provisions of the ATEX Directive 2014/54/EU

2. Certificate number: 07-351\*\_\*\*\*\*\* ComEx Control and Indicating Stations

3. Manufacturer: BARTEC GmbH

4. Address: Max-Eyth-Straße 16, 97980 Bad Mergentheim, Germany

5. The certificate is issued in accordance with the provisions of the ATEX Directive 2014/54/EU... (faded text)

6. If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to... (faded text)

7. The certificate is issued in accordance with the provisions of the ATEX Directive 2014/54/EU... (faded text)

8. The certificate is issued in accordance with the provisions of the ATEX Directive 2014/54/EU... (faded text)

9. Validity dates: 09-01-2012 to 11-2012, 09-2015, 09-01-2012, 09-1-2012, 09-11-2012

10. The certificate is issued in accordance with the provisions of the ATEX Directive 2014/54/EU... (faded text)

Table with 3 columns and 3 rows containing Ex logos and technical specifications like '2 D', '80 D', and '-55 ≤ ≤ 0'.



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**11 Description**

...  
...0-511-...d0-51-...d...0-512-...  
...d0-515-...d...0-51-...d0-51-...  
...  
...  
...

**Ratings:**

Increased safety and Dust types			
Type	07-3511-	07-3512-	07-3513-
Rated insulation voltage	90	90	90
Rated voltage, Max.	00	00	00
Rated current, Max.	...		
At Ta 40°C	1	1	20
At Ta 60°C	11	11	1

Intrinsic safety types			
Type	07-3514-	07-3515-	07-3516-
Ui	0	0	0
li	150	150	150
Pi	1	1	1

**Series model type reference:**

0	-	5	1	-														
	-		D	-									M					

...	...	...	D...
...	...	0	...
...	...	5	Code combination "e"
D	...	1	...
	...	1	88
	...	2	10
	...		1



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Ex category	Ex category	Ex category	D 05-000-00000
		00	88
		50	10
		00	1000
II	0	00	0
		10	M20
		20	M25
		00	M20
		00	M20
		50	M20
		00	M25
		00	M20
		80	M20
		90	M20
II	0	00	0
		10	M20
		20	M25
		00	M20
		00	M20
		50	M20
		00	M25
		00	M20
		80	M20
		90	M20
I	0	00	1000
		00	2000
		00	5000
		00	10000
II	0	00	1000
		00	2000
		00	5000
		00	10000
III	00	00	00
		01	05-000-0019
		D	05-000-00
		00	05-000-00
		00	05-000-0008
		00	05-000-0020
		00	05-000-0021
		00	05-000-0012
		00	05-000-001
		00	05-000-001
00	05-000-0008		





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Variation 2

...

- ...
- ...

Variation 3

...

- ...
- ...

Variation 4

...

- ...

Variation 5

...

- ...
- ...

Variation 6

...

- ...
- ...

Variation 7

...

- ...

Variation 8

...

- ...

...



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12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	01/01/2015	R122/00	Initial evaluation
1	09/01/2015	R150/00	Re-evaluation
2	01/01/2015		Re-evaluation
	01/01/2015	R108/00	Re-evaluation
	12/01/2015	R155/01	Re-evaluation
5	09/01/2015	R1995/00	Re-evaluation
	29/01/2015	R1122/00	Re-evaluation
	25/01/2018	R11000/00	Re-evaluation
8	1/01/2018	R11000/00	R11000/00 re-evaluation
		R11000/00	
9	12/01/2018	R12059/00	Re-evaluation
10	05/01/2019	R12500/00	Re-evaluation

Dr. ...

13 Conditions of Manufacture

...

...

...

14 Specific Conditions of Use (Special Conditions)

...

When equipment is marked 'Ex d...ia' th... shall be used with appropriate barriers certified for 'Ex ia IIC' outputs.

# Certificate Annex

**Certificate Number** CML 14ATEX3073X  
**Equipment** 07-351\*-\*\*\*\*\* ComEx Control and Indicating Stations  
**Manufacturer** Bartec GmbH



## Issue 0

Drawing No	Sheets	Rev	Approved date	Title
01-511-5000	1	-	0	
01-511-5000	1	-	0	
01-511-5000	1	-	0	
01-511-5000	1	-	0	
01-511-50002	1	-	0	
01-511-50002	1	-	0	
01-511-50001	1	-	0	

## Issue 1

Drawing No	Sheets	Rev	Approved date	Title
01-511-5000	1		09	
01-511-5000	1		09	

## Issue 2

## Issue 3

Drawing No	Sheets	Rev	Approved date	Title
01-511-5000	1		11	

## Issue 4

Drawing No	Sheets	Rev	Approved date	Title
01-511-5000	1		28	

## Issue 5

# Certificate Annex



Certificate Number CML 14ATEX3073X

Equipment 07-351\*-\*\*\*\*\* ComEx Control and Indicating Stations

Manufacturer Bartec GmbH

Drawing No	Sheets	Rev	Approved date	Title
01-511-50002	1/2		09 Mar 2010	
01-511-50002-00 M	1/1		09 Mar 2010	

## Issue 6

Drawing No	Sheets	Rev	Approved date	Title
01-511-1000	1/5		29 Mar 2010	
01-511-1000	1/1	D	29 Mar 2010	
01-511-5000	1/1		29 Mar 2010	

## Issue 7

Drawing No	Sheets	Rev	Approved date	Title
01-511-5000-00 M	1		25 Mar 2018	

## Issue 8

Drawing No	Sheets	Rev	Approved date	Title
01-511-5000-00 M	1		1 Mar 2010	

## Issue 9

## Issue 10

Drawing No	Sheets	Rev	Approved date	Title
01-511-5000	1/5	D	05 Mar 2019	





# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx CML 14.0029X

Issue No: 8

Certificate history:

Issue No. 8 (2019-08-05)

Issue No. 7 (2018-03-13)

Issue No. 6 (2018-01-25)

Issue No. 5 (2017-08-29)

Issue No. 4 (2017-03-09)

Issue No. 3 (2016-12-12)

Issue No. 2 (2015-08-06)

Issue No. 1 (2015-02-09)

Issue No. 0 (2014-10-08)

Status: **Current**

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Date of Issue: **2019-08-05**

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

Equipment: **07-351\*-\*\*\*\*\* ComEx Control and Indicating Devices**

*Optional accessory:*

Type of Protection: **Flameproof "db", Increased Safety "eb", Intrinsic Safety "ib", Dust Ignition "tb"**

Marking:  
Ex db eb IIC T6 Gb or Ex db eb ia IIC T6 Gb  
Ex tb IIIC T80°C Db  
-55°C ≤ Ta ≤ +60°C

Approved for issue on behalf of the IECEx  
Certification Body:

R C Marshall

Position:

Certification Officer

Signature:  
(for printed version)

Date:

2019-08-05

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

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





# IECEX Certificate of Conformity

Certificate No: IECEX CML 14.0029X Issue No: 8  
Date of Issue: 2019-08-05 Page 2 of 5  
Manufacturer: **BARTEC GmbH**  
Max-Eyth-Staße 16  
97980 Bad Mergentheim  
Germany

Additional Manufacturing location(s):

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 apparatus 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2014-06</b> Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2015</b> Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

## TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

### Test Report:

<a href="#">GB/CML/ExTR14.0016/00</a>	<a href="#">GB/CML/ExTR15.0008/00</a>	<a href="#">GB/CML/ExTR15.0057/00</a>
<a href="#">GB/CML/ExTR16.0177/00</a>	<a href="#">GB/CML/ExTR17.0033/00</a>	<a href="#">GB/CML/ExTR17.0161/00</a>
<a href="#">GB/CML/ExTR17.0177/00</a>	<a href="#">GB/CML/ExTR18.0068/00</a>	<a href="#">GB/CML/ExTR19.0131/00</a>

### Quality Assessment Report:

[DE/TUN/QAR06.0017/10](#)



# IECEX Certificate of Conformity

Certificate No: IECEx CML 14.0029X

Issue No: 8

Date of Issue: 2019-08-05

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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The ComEx are either single, double or triple control and/or indicating display stations.

The three standard thermoplastic enclosures, single (07-3511-\* and 07-3514-\*), double (07-3512-\* and 07-3515-\*) and triple (07-3513-\* and 07-3516-\*) can be combined with various separately certified actuators, switch modules and luminous modules.

The control and display stations may be optionally provided with cable glands and blanking elements, as well as an earthing plate.

Refer to Annex for full description and conditions of manufacture.

### SPECIFIC CONDITIONS OF USE: YES as shown below:

Refer to Annex for Specific Conditions of Use.



# IECEX Certificate of Conformity

Certificate No: IECEx CML 14.0029X

Issue No: 8

Date of Issue: 2019-08-05

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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

### Issue 1

This issue introduced the following change:

- i. To allow an alternative sealing material to be used

### Issue 2

This issue introduced the following change:

- i. To correct a typographic error and clarify the approval standards

### Issue 3

This issue introduced the following changes:

- i. To update certification drawings to reflect changes in enclosure manufacturing.
- ii. To update certificate to the latest standard editions.

### Issue 4

This issue introduced the following change:

- i. To update drawings and manufacturing details for the locking device.

### Issue 5

This issue introduced the following changes:

- i. The introduction of an alternative enclosure profile.
- ii. Clarification of the cable gland size options in the series type reference table on the certificate.

### Issue 6

This issue introduced the following changes:

- i. The introduction of an alternative non-metallic sealing material between enclosures.
- ii. The introduction of an alternative metallic plug between enclosures.

### Issue 7

This issue introduced the following change:

- i. The introduction of an alternative non-metallic sealing material between enclosures.

### Issue 8

This issue introduced the following change:

- i. To update the certificate to include the 4-pole switch module covered under certificate number IECEx CML 17.0045U.

**Annex:**



# IECEX Certificate of Conformity

Certificate No: IECEX CML 14.0029X

Issue No: 8

Date of Issue: **2019-08-05**

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[IECEX CML 14.0029X Iss. 8 Certificate Annex.pdf](#)





Series model type reference:

0	-	5	1	-																			
	-		D	-										M									

Code	Description	Code	Description
0		0	
5		5	Code combination "e"
D		1	
		1	88
		2	10
			1
			88
		5	10
			1
		0	
		1	M20
		2	M25
			M20
			M20
		5	M20
			M25
			M20
		8	M20
9	1 ≤ M ≤ 2 r 2 ≤ M ≤ 20 d 1 ≤ M ≤ 1 r 2 ≤ M ≤ 25 r r ≤ M ≤ 1		
		0	
		1	M20
		2	M25
			M20
			M20
		5	M20
			M25
			M20
		8	M20
9	1 ≤ M ≤ 2 r 2 ≤ M ≤ 20 d 1 ≤ M ≤ 1 r 2 ≤ M ≤ 25 r r ≤ M ≤ 1		





