



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

Certificate No.: IECEx CML 17.0056X Issue No: 0 Certificate history:
Issue No. 0 (2018-01-22)

Status: **Current**

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Date of Issue: **2018-01-22**

Applicant: **Rockwell Automation / Allen-Bradley**
1201 S. 2nd Street
Milwaukee, WI 53204
United States of America

Equipment: **Contact Block (800G-XLS*Z-EX), Power Modules (800G-DLS*Z-EX) and Power Modules
with Contact Block (800G-DLS*X*Z-EX)**

Optional accessory:

Type of Protection: **Flameproof "db", Increased Safety "eb", Dust protected "tb"**

Marking:
Ex db eb IIC T6 Gb
Ex tb IIIC T80°C Db IP66
Ta = -55°C to +40/+50/+60°C

Approved for issue on behalf of the IECEx
Certification Body:

H M Amos MIET

Position:

Technical Manager

Signature:
(for printed version)

Date:

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:

Certification Management Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





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Manufacturer: **Rockwell Automation Inc.**
1201 s. 2nd Street
Milwaukee, WI 53204
United States of America

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:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 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:

[GB/CML/ExTR17.0193/00](#)

Quality Assessment Report:

[US/ETL/QAR12.0005/03](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Contact Block (800G-XLS*Z-EX), Power Modules (800G-DLS*Z-EX) and Power Modules with Contact Block (800G-DLS*X*Z-EX) are used for switching, control (open and closed loops) and indication purposes.

See Annex for full description and Conditions of Manufacture.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The contact block, power module and power module devices are to be installed such that they are protected from risk of mechanical damage and electrostatic charges.

Annex:

[IECEx CML 17.0056X Iss 0 Annex.pdf](#)

Annexe to: IECEx CML 17.0056X Issue 0
Applicant: Rockwell Automation / Allen-Bradley
Apparatus: Contact Block (800G-XLS*Z-EX),
 Power Modules (800G-DLS*Z-EX) and
 Power Modules with Contact Block
 (800G-DLS*X*Z-EX)



Product Description

The Contact Block (800G-XLS*Z-EX), Power Modules (800G-DLS*Z-EX) and Power Modules with Contact Block (800G-DLS*X*Z-EX) are used for switching, control (open and closed loops) and indication purposes, and are equipped with electronic and/or electromechanical components. The modules used for control, switching and indication may be fitted with an actuator shaft and various covers. Various function modules are used. Connection is via the integrated terminals, covered by an enclosure with cable gland.

The following models are covered by this certificate,

Type code	800G	-	XLS	*	Z	-EX
Code number	A		B	C	D	

Code	Number for:
A	Control and indication module 800G-
B	Function XLS = latch mounted contact block with screw termination DLS = latch mounted power module with screw termination
C	Colour and contact configuration (1 – 3 characters) 0...9, A...Z
D	Option Z = panel mount cover with cable gland installed on module

Technical data:

Electrical data: Cross section max. 2.5mm²
 For all other electrical data refer to IECEx CoC's of the Ex Components used

Ambient temperature range: Max. ambient temperature range -55°C ≤ Ta ≤ +60°C
 The temperature range for every module is to be taken from the corresponding IECEx CoC of the Ex Component used as stated in the table below.

Unit 1, Newport Business Park
 New Port Road
 Ellesmere Port
 CH65 4LZ

T +44 (0) 151 559 1160
E info@cmlEx.com

www.cmlEx.com

Company Reg No. 8554022 VAT No. GB163023642





Module type	IECEX CoC (Component)	Max. Service temperature ¹
800G-XLS*-EX	IECEX CML 17.0047U	+85°C
800G-DLS*-EX	IECEX CML 17.0048U	+85°C
800G-DLS*X*-EX	IECEX CML 17.0048U	+85°C

¹ The maximum service temperature is the sum of maximum ambient temperature, external heat and self-generated temperature.

Conditions of Manufacture

- i. The product incorporates certified parts and the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.

Conditions of Certification

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

- i. The contact block, power module and power module devices are to be installed such that they are protected from risk of mechanical damage and electrostatic charges.