



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

Ex COMPONENT CERTIFICATE

Certificate No.: IECEx CML 17.0048U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 Issue No. 1 (2019-01-07)
Date of Issue: **2019-01-07** Issue No. 0 (2017-09-14)
Applicant: **Rockwell Automation / Allen-Bradley**
1201 South 2nd Street
Milwaukee, WI 53204
United States of America
Ex Component: **Power Module 800G-D***-EX and Power Module with Contact Block 800G-D***X*-EX**

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Flameproof, Increased Safety**

Marking:

Ex db eb IIC Gb

-55°C ≤ Ta ≤ +50°C

-55°C ≤ Ta ≤ +60°C (if rated operating voltage ≤ 26.4 V)

Approved for issue on behalf of the IECEx
Certification Body:

A C Smith

Position:

Technical Operations Director

Signature:
(for printed version)

Date:

2019-01-07

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
Elesmere Port, CH65 4LZ
United Kingdom





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Manufacturer: **Rockwell Automation / Allen-Bradley**
1201 South 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 Component 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 Ex Component 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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-7 : 2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

*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 Ex Component listed has successfully met the examination and test requirements as recorded in

Test Report:

[GB/CML/ExTR17.0141/00](#) [GB/CML/ExTR18.0311/00](#)

Quality Assessment Report:

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



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Schedule

Ex Component(s) covered by this certificate is described below:

The Power Module 800G-D***-EX is a build-in appliance and serves as a signal lamp. The luminescent element is available in a variety of signal colours.

The Power Module with Contact Block 800G-D****X*-EX is an illuminated indicator with the function of a control switch. The connection is via the integrated terminals.

Refer to Annex for full description and Schedule of Limitations.

SCHEDULE OF LIMITATIONS:



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

This issue introduces the following variation:

- i. The expansion of the table in the product description and clarify the service temperature range.

Annex:

[IECEX CML 17.0048U Iss 1 Annex.pdf](#)

Annexe to: IECEx CML 17.0048U Issue 1
 Applicant: Rockwell Automation / Allen-Bradley
 Apparatus: Power Module 800G-D***-EX
 Power Module with Contact Block 800G-D***X*-EX



Product Description

The Power Module 800G-D***-EX is a build-in appliance and serves as a signal lamp. The luminescent element is available in a variety of signal colours.

Electrical Data		
Rated operating voltage	12 V to 250 VAC	12 V to 60 VDC
Cross section max.	2.5 mm ²	
Rated voltage	300 V	
Service Temperature T _s *	-55°C to +85°C	
* Including self-heating rate, maximum ambient temperature and, if applicable, external heat		
Model Number		
		800G - D** * - Ex
Code Number	Type	1 - 2 3 - -
1	Product Series	800G
2	Power Module/Latch Type	DB - Base Mount DLS - Latch Mount with Screw Termination
3	Colour	W – White G – Green R – Red Y – Yellow B – Blue

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The Power Module with Contact Block 800G-D***X*-EX is an illuminated indicator with the function of a control switch. The connection is via the integrated terminals.

Electrical Data		
Rated Voltage	300 V	
Rated operating voltage	12 V to 60 VDC	12 V to 250 VAC
Utilisation Category (Contacts)	DC-13, 0.25 A, 24 V	AC-15, 1 A, 230 V
Rated isolation voltage (contacts)	300 V	
Cross section max.	2.5 mm ²	
Service Temperature T _s *	-55°C to +85°C	
* Including self-heating rate, maximum ambient temperature and, if applicable, external heat		
Model Number		
		800G - D** * X* - Ex
Code Number	Type	1 - 2 3 4 - -
1	Product Series	800G
2	Power Module/Latch Type	DB - Base Mount DLS - Latch Mount with Screw Termination
3	Colour	W – White G – Green R – Red Y – Yellow B – Blue
4	Contact Configuration	XK – 1 NO XL – 1 NC

Conditions of Manufacture

There are no conditions of manufacture.



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 IEC 60079-0.
- ii. When the components are installed in an increased safety enclosure that complies with IEC 60079-7, the creepage and clearance distances shall comply with the requirements of Table 1.