



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX CML 14.0014U** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2017-11-28\)](#)
[Issue 0 \(2014-09-19\)](#)
Date of Issue: 2022-05-31
Applicant: **Rockwell Automation - Allen Bradley**
1201 South 2nd Street
Milwaukee
WI 53204
United States of America
Ex Component: Type 800G-****-EX Operators
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: **Increased Safety Ex "e" and Dust Protection by Enclosure Ex "t"**
Marking: Ex eb IIC Gb
Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

L A Brisk

Position:

Certification Officer

Signature:
(for printed version)

Date:
(for printed version)

2022-05-31

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 www.iecex.com or use of this QR Code.



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 14.0014U**

Page 2 of 4

Date of issue: 2022-05-31

Issue No: 2

Manufacturer: **Rockwell Automation - Allen Bradley**
1201 South 2nd Street
Milwaukee
WI 53204
United States of America

Manufacturing locations: **Rockwell Automation - Allen Bradley**
1201 South 2nd Street
Milwaukee
WI 53204
United States of America

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 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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

TEST & ASSESSMENT REPORTS:

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

Test Reports:

[GB/CML/ExTR14.0013/00](#)
[GB/CML/ExTR22.0106/00](#)

[GB/CML/ExTR17.0070/00](#)

[GB/CML/ExTR17.0137/00](#)

Quality Assessment Report:

[US/ETL/QAR12.0005/08](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX CML 14.0014U**

Page 3 of 4

Date of issue: 2022-05-31

Issue No: 2

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

The Type 800G-*****-EX Operators are a range of thermoplastic actuating elements. The Operators are intended for installation in increased safety and dust protected electrical equipment enclosure walls and lids.

See Annexe for full description

SCHEDULE OF LIMITATIONS:

Refer to Certificate Annex.



IECEX Certificate of Conformity

Certificate No.: **IECEX CML 14.0014U**

Page 4 of 4

Date of issue: 2022-05-31

Issue No: 2

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1

This variation introduces the following modifications:

1. To permit the use of an alternative material in the construction of the Type 800G-*****-EX Operators.
2. To amend the Type Designation, Variant Prefix and the Product Descriptions.
3. To update the standards to the latest editions.

Issue 2

This variation introduces the following modifications:

1. Update of Standards: IEC 60079-0:2011 to IEC 60079-0:2017 Ed. 7
2. Update of Standards: IEC 60079-1:2015 (Ed 5) to IEC 60079-7:2015 (Ed 5.1).

Annex:

[Certificate Annex IECEx CML 14.0014U Issue 2.pdf](#)

Annexe to: IECEx CML 14.0014U, Issue 2
Applicant: Rockwell Automation/Allen Bradley
Apparatus: Type 800G-*****-EX Operators

Description

The Type 800G-*****-EX Control and Signalling Device Adaptors are a range of thermoplastic actuating elements. The Control and Signalling Device Adaptors are intended for installation in increased safety and dust protected electrical equipment enclosure walls and lids.

Installation information:

- Service temperature: -55°C to +70°C
- Equipment type: Group II and III, High impact
- Enclosure wall thickness: 1 mm to 6 mm
- Fixing nut thread: M30 x 1.5
- Enclosure through holes: 30.3^{+0.3} mm

Series type reference:

800G	-	*	*	*	*	*
A		B	C	D	E	F
A		Series type reference (Type 800G-*****-EX)				
B, C, D, E and F		Device type (1-5 characters), <i>see list below</i>				

Eurofins E&E CML Limited
 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



Product description	Type reference
Momentary non-illuminated push button	800G-F
Emergency stop push-pull	800G-MPE; 800G-MPE99
Selector switch	800G-SB3; 800G-SB3H; 800G-SL3; 800G-SL3H; 800G-SM2; 800G-SM2H; 800G-SM3; 800G-SM3H 800G-SR3; 800G-SR3H
Key release push button	800G-K16; 800G-K24 or; 800G-K14
Key release mushroom push button	800G-MKE
Pilot light	800G-P1; 800G-P3; 800G-P4; 800G-P5; 800G-P6
Illuminated momentary push button	800G-LF1; 800G-LF3; 800G-LF4; 800G-LF5; 800G-LF6

Product description	Type reference
Key operated selector switch (3 Position)	800G-KSB34H; 800G-KSL32H; 800G-KSL34H; 800G-KSL37H; 800G-KSM31H; 800G-KSM32H; 800G-KSM33H; 800G-KSM34H; 800G-KSM35H; 800G-KSM36H; 800G-KSM37H; 800G-KSR31H; 800G-KSR34H; 800G-KSR35H
Double push button	800G- U2FX; 800G-V2FX
Momentary mushroom push button	800G-M2
Hole plug	800G-N2

Conditions of Manufacture

None

Specific Conditions of Use

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

- i. When the components are installed in electrical equipment, care must be taken that the temperatures at the mounting place are within the following temperature range:
-55°C to +70°C