



## EU Type Examination Certificate CML 15ATEX3024 Issue 3

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **800-\*-EX Completed Assembled Stations**
- 3 Manufacturer **Rockwell Automation/Allen Bradley Rockwell Automation/Allen Bradley**
- 4 Address **1201 South 2<sup>nd</sup> Street,  
Milwaukee, WI 53204,  
United States of America** **1506 East 16<sup>th</sup> Street South,  
Ladysmith, WI 54848,  
United States of America**

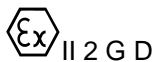
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Hoogoorddreef 15, Amsterdam, 1101 BA, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment 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 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (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 equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or 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  
EN 60079-31:2014

- 10 The equipment shall be marked with the following:



Ex db eb IIC T6 Gb  
Ex tb IIIC T80°C Db

Ta: -55°C to 60°C



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## 11 Description

The 800G-\*-EX Completed Assembled Stations are available as a single, double, or triple unit for use as a control and/or indication device. Each assembled station uses a one-hole (800G-1\*-EX), two-hole (800G-2\*-EX), or three-hole (800G-3\*-EX) thermoplastic enclosure with various operators, contact blocks, and power modules listed in separate certifications. The assembled stations may be ordered with a variety of accessories including conduit hubs, cable glands, earth brackets, earth plates, hole plugs, labels, legend plates, and locking attachments.

### Ratings:

Type	800G-1	800G-2	800G-3
Rated insulation voltage	690 V	690 V	690 V
Rated voltage, Max.	400 V	400 V	400 V
Rated current, Max.	Note: Allowable maximum voltages, currents and ambient may be higher or lower dependant on enclosure size and components fitted, see instructions for specific details		
At Ta 40°C	16 A	16 A	Up to 20 A
At Ta 60°C	11 A	11 A	Up to 14 A

### Series type reference:

#### Assembled Station Nomenclature

800G-	*	*	*	*	*	*	*	*	*	*	*	*	*	-EX
A	B	C	D <sup>†</sup>	E	F	G <sup>†</sup>	H	I	J <sup>†</sup>	K	L	M	N	

800G-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
A	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	C <sub>1</sub>	D <sub>1</sub> <sup>†</sup>	E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub> <sup>†</sup>	H <sub>1</sub>	I <sub>1</sub>	J <sub>1</sub> <sup>†</sup>	K <sub>1</sub>	C <sub>2</sub>	D <sub>2</sub> <sup>†</sup>	E <sub>2</sub>	F <sub>2</sub>

*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-EX
G <sub>2</sub> <sup>†</sup>	H <sub>2</sub>	I <sub>2</sub>	J <sub>2</sub> <sup>†</sup>	K <sub>2</sub>	C <sub>3</sub>	D <sub>3</sub> <sup>†</sup>	E <sub>3</sub>	F <sub>3</sub>	G <sub>3</sub> <sup>†</sup>	H <sub>3</sub>	I <sub>3</sub>	J <sub>3</sub> <sup>†</sup>	K <sub>3</sub>	L	M	N

- 1 †Can be any character which signifies operator colour, text options, spring return options and key release options for operators.
- 2 Note – Characters C, D and E are for use with all enclosure sizes.
- 3 Note – Characters F, G and H are for use with 800G-2\*-EX and 800G-3\*-EX enclosure sizes.
- 4 Note – Characters I, J and K are for use with 800G-3\*-EX enclosure sizes.
- 5 Note – For the ganged stations, subscript 1 refers to station 1, subscript 2 refers to station 2 and subscript 3 refers to station 3.



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Type reference Prefix	Code for	Variation Prefix	Description	
<b>A</b>	<b>Basic designation</b>	<b>800G</b>	Common code number	
<b>B</b>	<b>Enclosure size</b>	<b>1</b>	One-Hole (88 mm)	
		<b>2</b>	Two-Hole (130 mm)	
		<b>3</b>	Three-Hole (176 mm)	
<b>C, F, I</b>	<b>Operators</b>	<b>B</b>	Key Release Mushroom Push Button	
		<b>D</b>	Momentary Mushroom Push Button	
		<b>E</b>	Push-Pull Mushroom Push Button (E Stop)	
		<b>F</b>	Non-Illuminated Flush Push Button	
		<b>H</b>	2 Position Selector Switch	
		<b>J</b>	3 Position Selector Switch	
		<b>K</b>	Key Release Push Button	
		<b>L</b>	Illuminated Flush Push Button	
		<b>N</b>	Hole Plug	
		<b>P</b>	Pilot Light	
		<b>R</b>	2 Position Selector Switch, Key Operated	
		<b>S</b>	3 Position Selector Switch, Key Operated	
		<b>U</b>	Non-Illuminated Flush Dual Push Button	
			<b>4</b>	Push- Pull Mushroom Pushbutton with Locking Guard
			<b>5</b>	Non-Illuminated Flush Push Button with Locking Cover
	<b>6</b>	Illuminated Flush Push Button with Locking Cover		
	<b>8</b>	2 Position Selector Switch with Locking Cover		
	<b>9</b>	3 Position Selector Switch with Locking		
<b>D, G, J</b>	<b>Operators</b>	<b>Any alpha-numeric character</b>	Variety of colours, text options, locking options and maintained/spring returns	
<b>E, H, K</b>	<b>Contact block/Power Module</b>	<b>A</b>	1 NO – 1 NC base mount	
		<b>D</b>	Lamp module base mount (same colour as lens)	
		<b>K</b>	1 NO with lamp module	
		<b>L</b>	1 NC with lamp module	
		<b>M</b>	2 NO base mount	



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Type reference Prefix	Code for	Variation Prefix	Description
		<b>N</b>	2 NC base mount
		<b>X</b>	N/A (Hole plug)
<b>L</b>	<b>Conduit Entry Conduit Entry - Bottom</b>	<b>3</b>	1 M20 plastic cable gland
		<b>4</b>	1 M25 plastic cable gland
		<b>5</b>	M20 blind plug
		<b>6</b>	M25 blind plug
		<b>7</b>	2 M20 plastic cable gland
		<b>8</b>	1 M20 metal cable gland
		<b>9</b>	1 M25 metal cable gland
		<b>0</b>	2 M20 metal cable gland
	<b>Conduit entry – Top</b>	<b>D</b>	1 M20 plastic cable gland
		<b>E</b>	1 M25 plastic cable gland
		<b>F</b>	M20 blind plug
		<b>G</b>	M25 blind plug
		<b>H</b>	2 M20 plastic cable gland
		<b>J</b>	1 M20 metal cable gland
		<b>K</b>	1 M25 metal cable gland
		<b>L</b>	2 M20 metal cable gland
<b>L (cont.)</b>	<b>Conduit Entry – Through Feed</b>	<b>Q</b>	1 M20 plastic cable gland
		<b>R</b>	1 M25 plastic cable gland
		<b>T</b>	M20 blind plug
		<b>U</b>	M25 blind plug
		<b>V</b>	2 M20 plastic cable gland
		<b>W</b>	1 M20 metal cable gland
		<b>X</b>	1 M25 metal cable gland
		<b>Y</b>	2 M20 metal cable gland
<b>M</b>	<b>External Earth Stud</b>	<b>Blank</b>	No External earth stud
		<b>Z</b>	External earth stud
<b>N</b>	<b>Ratings &amp; Certification</b>	<b>-EX</b>	ATEX, IECEx, Zone 1/2

### Variation 1

This variation introduced the following modifications:

- i. To update the certificate reference to the 2014/34/EU Directive.
- ii. To update the certificate to the latest editions of the standards.
- iii. To amend the Variation Prefixes.



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## Variation 2

This variation introduced the following modifications:

- i. The introduction of an alternative non-metallic sealing material between enclosures.
- ii. The introduction of an alternative metal plug between enclosures.
- iii. Minor text changes.

## Variation 3

This variation introduced the following modifications:

- i. To transfer the certificate from CML UK to CML BV.
- ii. Change of notified body number on the marking labels from 0359 to 2575.

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	04 Mar 2015	R457A/00	Issue of Prime Certificate
1	17 Jul 2017	R2121A/00	Introduction of Variation 1
2	15 Mar 2018	R11663A/00	Introduction of Variation 2
3	28 Aug 2019	R12408A/00	Introduction of Variation 3

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

## 13 Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- i. Where the product incorporates certified parts or safety critical components 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.
- ii. When limited components are provided, the user shall be provided with the appropriate limitation information for these components.

## 14 Specific Conditions of Use (Special Conditions)

None.

## Certificate Annex

**Certificate Number** CML 15ATEX3024  
**Equipment** 800-\*-\*\*\*\*\* Complete Assembly Stations  
**Manufacturer** Rockwell Automation/Allen Bradley



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

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
41309-925	1 of 1	00	17 Feb 2015	800G Enclosure Nameplate

### Issue 1

Drawing No	Sheets	Rev	Approved date	Title
41309-925	1 of 1	00	1 Aug 2017	800G Enclosure Nameplate

### Issue 2

None.

### Issue 3

Drawing No	Sheets	Rev	Approved date	Title
41309-925	1 of 1	01	28 Aug 2019	800G Enclosure Nameplate