

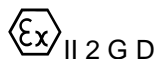


EU Type Examination Certificate CML 17ATEX1118X Issue 1

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Contact Block (800G-XLS*Z-EX), Power Modules (800G-DLS*Z-EX) and Power Modules with Contact Block (800G-DLS*X*Z-EX)**
- 3 Manufacturer **Rockwell Automation / Allen-Bradley**
- 4 Address **1201 South 2nd Street,
Milwaukee, WI 53204,
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.
- 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 IP66

Ta = -55°C to +40/+50/+60°C



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11 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 $-55^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

The temperature range for every module is to be taken from the corresponding ATEX CoC of the Ex Component used as stated in the table below.

Module type	ATEX CoC (Component)	Max. Service temperature ¹
800G-XLS*-EX	CML 17ATEX1107U	+85°C
800G-DLS*-EX	CML 17ATEX1108U	+85°C
800G-DLS*X*-EX	CML 17ATEX1108U	+85°C

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



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Variation 1

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	19 Jan 2018	R11271A/00	Issue of Prime Certificate
1	28 Aug 2019	R12408A/00	Introduction of Variation 1

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.

14 Specific Conditions of Use (Special Conditions)

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.

Certificate Annex



Certificate Number CML 17ATEX1118X
Equipment Contact Block (800G-XLS*Z-EX)
Power Modules (800G-DLS*Z-EX)
Power Modules with Contact Block (800G-DLS*X*Z-EX)
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
41309-915	1 of 1	01	19 Jan 2018	800G Contact Block Cover Cliche

Issue 1

Drawing No	Sheets	Rev	Approved date	Title
41309-915	1 of 1	02	28 Aug 2019	800G Contact Block Cover Cliches