EU Type Examination Certificate CML 17ATEX1107U Issue 2

1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

2 Component **Contact Block 800G-X***-EX**

3 Manufacturer **Rockwell Automation / Allen-Bradley**

4 Address **1201 South 2nd Street,**
Milwaukee, WI 53204,
United States of America

5 The component 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 component 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 The 'U' suffix after the certificate number indicates that the component 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

10 The equipment shall be marked with the following:

II 2 G D

Ex db eb IIC Gb

Ta= -55°C ≤ Ta ≤ +40°C (16 A)

Ta = -55°C ≤ T_a ≤ +60°C (11 A)

Ts = -55°C ≤ T_s ≤ +85°C

11 Description

The Contact Block 800G-X***-EX is a built-in switch with two switching elements which can be separately operated. It is suitable for bottom or front mounting and serves as a control switch.

Electrical Data				
Rated Insulation Voltage U_i	690 V			
Rated Operating Voltage U_e	400 V	400 V	110 V	24 V
Rated Operating Current I_e	16 A	10 A	0.5 A	1 A
Related to Utilization Category	AC-12	AC-15	DC-13	DC-13
Rated values differing from those stated above are permissible provided that the making and breaking capacities comply with the relevant regulations and such values have been specified by the manufacturer dependent on operating mode, utilization category, etc.				
Maximum Cross Section	2.5 mm^2			
Service Temperature T_s*	-55°C ≤ T_s ≤ +85°C			
* Including self-heating rate, maximum ambient temperature and, if applicable, external heat.				
Conventional Thermal Current I_{the}				
For an ambient temperature up to 40°C	16 A (-55°C ≤ T_a ≤ +40°C)			
For an ambient temperature up to 60°C	11 A (-55°C ≤ T_a ≤ +60°C)			

Model Number		
Code Number	Type	800G X** * - EX 1 - 2 3 - -
1	Product Series	800G
2	Contact Block/Latch Type	XB - Base Mount XLS - Latch Mount with Screw Termination
3	Switch	A = 1 NO 1 NC M = 2 NO N = 2 NC

Variation 1

This variation introduced the following modification:

i. To expand the table in the product description and to clarify the service temperature range.

Variation 2

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	14 Sep 2017	R11259A/00	Issue of Prime Certificate
1	17 Dec 2018	R11917A/00	Introduction of Variation 1
2	28 Aug 2019	R12408A/00	Introduction of Variation 2

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

13 Conditions of Manufacture

None.

14 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 EN 60079-0.

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

Certificate Annex

Certificate Number	**CML 17ATEX1107U**
Equipment	**Contact Block 800G-X***-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
41309-901	1 of 1	01	14 Sep 2017	800G Base Mount Contact Block Cliches
41309-907	1 of 1	01	14 Sep 2017	800G Latch Mount Contact Block Cliches

Issue 1

Drawing No	Sheets	Rev	Approved date	Title
41309-901	1 of 1	01*	17 Dec 2018	800G Base Mount Contact Block Cliches [Rockwell date 01-29-18]
41309-907	1 of 1	01*	17 Dec 2018	800G Latch Mount Contact Block Cliches [Rockwell date 01-30-18]

* Refer to associated report for certificate issue 1 for information regarding the drawing revisions.

Issue 2

Drawing No	Sheets	Rev	Approved date	Title
41309-901	1 of 1	02	28 Aug 2019	800G Base Mount Contact Block Cliches
41309-907	1 of 1	02	28 Aug 2019	800G Latch Mount Contact Block Cliches