[1] # TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**

[3] Type Examination Certificate Number: **DEMKO 18 ATEX 2019X Rev. 0**

[4] Product: **5069 I/O system: 5069-IB8S, 5069-IB8SK – Digital Input module, 5069-OBV8S, 5069-OBV8SK – Digital Output modules**

[5] Manufacturer: **Rockwell Automation**

[6] Address: **1201 South 2nd Street, Milwaukee, WI 53204 USA**

[7] This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential report no. **4788064613.8.1**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013 **EN 60079-15:2010**

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign "**X**" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

[11] This Type examination certificate relates only to the design of the specified product, and not to specific items of product subsequently manufactured.

[12] The marking of the product shall include the following:

II 3 G **Ex nA IIC T4 Gc**

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2019-01-22

Certification Body
UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13] [14]

Schedule
TYPE EXAMINATION CERTIFICATE No.
DEMKO 18 ATEX 2019X Rev. 0

[15] Description of Product:

These devices are open-type programmable controllers for use in Zone 2 Group IIC Hazardous Locations, these 5069 I/O system are modular input/output devices of an open type DIN rail mounted 5069 I/O module system and are intended to be used in combination with the 5069 series system which includes host modules such as the 5069-AENTR Ethernet/IP communication module, 5069-FPD Field Power Distribution module, and/or 5069-ARM Address Reserve Module.

Model	Protection Method	Description
5069-IB8S	nA	Digital Input modules
5069-OBV8S	nA	Digital Output modules
5069-IB8SK	nA	Digital Input modules
5069-OBV8SK	nA	Digital Output modules

The optical radiation output of the indicator LEDs of the subject devices with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is covered in this certificate based on Exception 1 to the scope of EN 60079-28:2015.

Temperature range:

The ambient temperature range is 0°C to +60 °C.

The relation between ambient temperature and the assigned temperature class is as follows:

Ambient temperature range	Temperature class
0 °C to +60 °C	T4

Electrical data

Model	Ambient Temperature	Temperature Classification	Ratings
5069-IB8S	0 °C to +60 °C	T4	MP input: 75mA @ 18Vdc -32Vdc SA input: 1.3A @ 18Vdc-32Vdc
5069-OBV8S	0 °C to +60 °C	T4	MP input: 75mA @ 18Vdc -32Vdc LA input: 8.1A @ 18Vdc-32Vdc OUT: 1A @ 18-32 VDC/CH
5069-IB8SK	0 °C to +60 °C	T4	MP input: 75mA @ 18Vdc -32Vdc SA input: 1.3A @ 18Vdc-32Vdc
5069-OBV8SK	0 °C to +60 °C	T4	MP input: 75mA @ 18Vdc -32Vdc LA input: 8.1A @ 18Vdc-32Vdc OUT: 1A @ 18-32 VDC/CH

Routine tests:

No routine tests are required.

[16] Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this Type Examination Certificate.

[17] Special Conditions of Use:

- The equipment shall be mounted in an ATEX Zone 2 certified enclosure with a minimum ingress protection rating of at least IP54 in accordance with EN 60079-15 and used in an environment of not more than Pollution Degree 2 (as defined in EN 60664-1) when applied in Zone 2 environments. The enclosure must be accessible only by the use of a tool.
- Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 140%.

[18] Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The trademark Allen-Bradley will be used as the company identifier on the marking label.