[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: **UL 24 ATEX 3280X Rev. 0**

[4] Product: **I/O Module HI5069 Series**

[5] Manufacturer: **Hardy Process Solutions**

[6] Address: **10075 Mesa Rim Road, San Diego, CA 92121 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. **US/UL/ExTR24.0095/00.**

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

EN IEC 60079-0:2018 **EN IEC 60079-7:2015/A1:2018**

Where additional criteria beyond those given here have been used, they are listed at item 18 in 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” listed under item 17 of 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 (marking is provided in the Schedule as a part of item 15, if applicable):

II 3 G Ex ec IIC T4 Gc

Certification Manager
Thomas Wilson

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: 2024-11-20

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

Schedule
TYPE EXAMINATION CERTIFICATE No.
UL 24 ATEX 3280X Rev. 0

[15] Description of Product:
The Models HI5069-2WS and HI5069-WS are analog input modules designed to be installed in the 5069 series of controllers from Rockwell Automation. The HI5069-2WS has two channels of input, the 5069-WS is a single channel version on the same PCB with the second channel depopulated. The devices are open-type and intended to be installed inside a tool accessible enclosure.

The optical radiation output of the product 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:
Vertical: 0°C to +42°C
Horizontal: 0°C to +60°C

Electrical data
MP (Backplane): 18-32 Vdc, 35mA
SA (Backplane): 10-32 Vdc, 230 mA

Signal Rating
INPUT: Signal: -0.3mV to +15mV; Sense +5VDC
OUTPUT: +5VDC Excitation; 120 mA max./channel

Routine tests:
N/A

[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] Specific condition(s) of use:
- The equipment shall only be used in an area of not more than pollution degree 2, as defined in EN 60664-1.
- The equipment shall be installed in an enclosure that is only tool accessible and that provides a degree of protection not less than IP 54 in accordance with EN IEC 60079-0.
- Transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage value at the supply terminals to the equipment.
- Ambient Temperature (Tamb): 0°C to +42°C Vertical Orientation; 0°C to +60°C Horizontal Orientation.

[18] Essential Health and Safety Requirements:
The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.