

CERTIFICATE

(1) EU-Type Examination

(2) Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU

(3) EU-Type Examination Certificate Number: **DEKRA 11ATEX0011X** Issue Number: **3**

(4) Product: **Actuator Controller, Type INTEGRAL-****

(5) Manufacturer: **NOAH ACTUATION CO., LTD.**

(6) Address: **11, Jeongseojin 9-ro, Seo-gu, Incheon, 22850, Republic of Korea**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 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 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 the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR21.0050/00.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0 : 2018

EN 60079-1 : 2014

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 EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 2 G Ex db IIB T5 Gb

Date of certification: 19 October 2023

DEKRA Certification B.V.

L.G. van Schie
Certification Manager



Throughout this document, a point is used as the decimal separator.

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 11ATEX0011X**

Issue No. **3**

(15) **Description**

The Actuator Controller, Type INTEGRAL-** is designed for local control of quarter-turn electric actuators.

Ambient temperature range -20 °C to +70 °C.

Electrical data

Power supply: 110/120/220/230/240 Vac, 1 Ph, 50/60 Hz
380/400/440/460/480 Vac, 3 Ph, 50/60 Hz

Type designation

INTEGRAL - * *
(a) (b)

Part	Subject	Value
(a)	Input voltage	B: 110 Vac, 1 Ph, 50/60 Hz, C: 120 Vac, 1 Ph, 50/60 Hz D: 220 Vac, 1 Ph, 50/60 Hz, E: 230 Vac, 1 Ph, 50/60 Hz, F: 240 Vac, 1 Ph, 50/60 Hz, G: 380 Vac, 3 Ph, 50/60 Hz, H: 400 Vac, 3 Ph, 50/60 Hz, I: 440 Vac, 3 Ph, 50/60 Hz, J: 460 Vac, 3 Ph, 50/60 Hz, K: 480 Vac, 3 Ph, 50/60 Hz
(b)	Software option	A: Standard (On/Off), B: ALS (Auxiliary Open, Close Limit Switches, Dry Contact), C: ATS (Auxiliary Open, Close Over Torque Switches, Dry Contact), D: PIU (Potentiometer: 0 to 1 kΩ), E: CPT (Current Position Transmitter: 4 to 20 mA), F: PCU (Proportional Control Unit: 4 to 20 mA), L: MOD-BUS, M: PROFI BUS, N: CAN BUS, S: HART, V: PROFI BUS – PCU, W: MOD BUS – PCU, X: FOUNDATION FIELDBUS – PCU, Y: HART – PCU

Installation instructions

The manufacturers instructions shall be followed in detail to assure safe operation.

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 11ATEX0011X**

Issue No. **3**

(16) **Report Number**

NL/DEK/ExTR21.0050/00.

(17) **Specific conditions of use**

- The flameproof joints are not intended to be repaired.
- Fasteners with property class A2-50 shall be used.
- Electrostatic charging on the non-metallic parts shall be avoided.
- The equipment shall be installed in the horizontal position only.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR21.0050/00.