

EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)
2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS03ATEX31060 R.0**

4. **Product:** TYPE ULS AND VLS UNIVERSAL LIMIT SWITCH BOX Types 003 and 00G

5. **Manufacturer:** KINETROL LIMITED **Applicant:** KINETROL LIMITED

6. **Address:** Trading Estate, Farnham, Surrey, GU9 9NU **Address:** Trading Estate, Farnham, Surrey, GU9 9NU

7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.

8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 104048444BLHD-001 dated 26th September 2024.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-7:2015+A1:2018 and EN 60079-31:2014 except in respect of those requirements referred to at item 16 of the Schedule.

10. If the sign X is placed after the certificate number, it indicates that the product is subject to 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 eb IIC T6 Gb
II 2 D Ex tb IIIC T80°C Db (For VLS options only)
-20°C ≤ Ta ≤ +70°C

Certificate issue date

27th September 2024

Mark Newman

Certification Officer
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This certificate has been issued by Intertek Italia S.p.A. NB 2575 on transfer from Intertek Testing & Certification Ltd. (NB 0359) using the same issued original certificate number.



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy

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SCHEDULE

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13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

Type VLS or ULS TYPE 003 and 00G Universal Limit Switch Box consists of an Increased Safety enclosure fitted with Ex Component certified Flameproof switches EPS14ATEX1688U and Increased Safety terminals TUV18ATEX8209U.

The equipment is to be fitted to valve actuators in the Kinetrol range 03 to 15 to indicate the position of quarter turn valves. The switch box is mounted onto valve actuators by means of two or four screws and a square section shaft. Discrete mount versions may be fitted to other devices by four screws and either a square section or flat sided shaft.

The equipment is rated for use at 250 Vac with a maximum current rating of 4 A per switch, both internal and external earthing facilities are provided.

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
Universal Limit Switch Box Assemblies Approved for Protection Ex db eb II C T6	305-000-046	G	05/03/21
VLS Coupling Assembly Approval Drawing	305-000-085-1	B	10/12/20
VLS Box Approval Drawing	305-420-013	C	18/01/21
VLS Box Approval Drawing	305-440-013	C	18/01/21
VLS LID Approval Drawing	305-401-002	C	04/03/21
VLS Box General Construction and Labelling	305-000-209	F	03/03/21
003/00G Approved Label Blank	305-144-1	B	23/03/21
ULS Instructions – Type 003	KF-434-03/21	MAR 21	01/03/21

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

15. SPECIFIC CONDITIONS OF USE

- None.



SCHEDULE

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16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant Essential Health and Safety Requirements have been identified and assessed in Intertek G104048444BLHD-001 dated 26th September 2024.

17. ROUTINE (FACTORY) TESTS

- A routine dielectric strength test in accordance with clause 6.1 of EN 60079-7 shall be conducted at 1 500 V r.m.s. for 60 seconds.
- D.C. test voltages are permitted as an alternative to the specified a.c. test voltage and shall be 140 % of the specified a.c., r.m.s. test voltage.
- Alternatively, a test shall be carried out at 1,2 times the test voltage, but maintained for at least 100 ms.

18. DETAIL OF CERTIFICATE CHANGES

R.0 (27th September 2024):

- Initial release by Intertek Italia S.p.A. NB 2575 on transfer from Intertek Testing & Certification Ltd. (NB 0359) using the same issued original certificate number.
- Update of certification standards to EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-7: 2015+A1:2018 and EN 60079-31:2014.
- To add ULS/ VLS TYPE 003 and TYPE 00G which is Ex db eb and Ex tb. The enclosure is 'increased safety' or 'dust tight' and the limit switches are component certified as flameproof.