

UK-TYPE EXAMINATION CERTIFICATE

Product or Protective Systems Intended for Use in Potentially Explosive Atmospheres

UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

- 1. UK-Type Examination Certificate Number: ITS21UKEX0034 Issue 0
- 2. Product: TYPE ULS AND VLS UNIVERSAL LIMIT SWITCH BOX Types 003 and 00G
- 3. Manufacturer: KINETROL LIMITED
- 4. Address: Trading Estate, Farnham, Surrey, GU9 9NU
- 5. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 6. Intertek Testing and Certification Limited, Approved Body number 0359, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations.

The examination and test results are recorded in the confidential report 104048444BLHD-001 dated 26th September 2024.

- 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 within item 14 of the Schedule.
- **8.** If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
- **9.** This UK-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- **10.** 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) $-20°C \le Ta \le +70°C$

27th September 2024

Certification Officer:

Mark Newman

Date:

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. This Certificate is accredited under UKAS schedule 0010 Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SA

Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.



SCHEDULE:

UK-Type Examination Certificate Number: ITS21UKEX0035X Issue 0

11. Description of Product or Protective System

Type ULS and VLS Universal Limit Switch Box types 003 and 00G consist of an Increased Safety enclosure fitted with Component approved Flameproof switches EPS 14 ATEX 1688U and Increased Safety terminals TUV 18 ATEX 8209U.

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.

UKCA Marking shall be accompanied by the identification number of the Approved Body responsible for surveillance of production.

12. Report Number

Intertek Report: 104048444BLHD-001 dated 26th September 2024.

13. Special Conditions of Certification

- (a). Special Conditions of Use
 - None.
- (b). Conditions of Manufacture Routine Tests

• A routine dielectric strength test in accordance with clause 6.1 of EN 60079-7 where working voltages exceeding 90 V peak are present: $(1\ 000 + 2U)$ V r.m.s. or 1 500 V r.m.s., whichever is greater, where U is the working voltage.

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.

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 104048444BLHD-001 dated 26th September 2024.

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15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
Universal Limit Switch Box Assemblies Approved for	305-000-046	G	05/03/21
Protection Ex db eb II C T6			
VLS Coupling Assembly Approval Drawing	305-000-085-1	В	10/12/20
VLS Box Approval Drawing	305-420-013	С	18/01/21
VLS Box Approval Drawing	305-440-013	С	18/01/21
VLS LID Approval Drawing	305-401-002	С	04/03/21
VLS Box General Construction and Labelling	305-000-209	F	03/03/21
003/00G Approved Label Blank	305-144-1	В	23/03/21
ULS Instructions – Type 003	KF-434-03/21	MAR 21	01/03/21

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