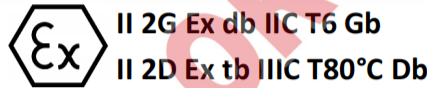




EU-TYPE EXAMINATION CERTIFICATE

- 1)
- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) EU-Type Examination Certificate Number : **SCA25ATEX368X**
- 4) Equipment or Protective System : **Flameproof Lifting Height Limiter, TYPE: RL-4 Series** (The type description is in the schedule)
- 5) Manufacturer : **Worldhoists (Tianjin) Corp., Ltd.**
- 6) Manufacturer Address : No.1, Minfeng Road, Jingbin Industrial Park, Wuqing District, Tianjin, P.R.CHINA
- 7) This equipment or protective system and/or any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.
- 8) SCA Belgelendirme ve Özel Eğt. Hizm. Ltd. Şti. Notified Body number 2336 in accordance with the Council Directive 2014/34/EU, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system intended for use in potentially explosive atmospheres given in 2014/34/EU.
* The examination and test results are recorded in the confidential report B/2024-03-043/02/Rp.02
- 9) Essential Health and Safety Requirements is made about reference standards.
EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-31:2024
- 10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.
- 11) This EU-Type examination certificate relates only to the design and construction of the specified equipment or protective equipment in the scope of 2014/34/EU. Future requirements of the Directive applies to the production process and the provision of equipment or protective system. These are not discussed in this certificate.
- 12) Marking of the equipment or protective system must include the following :



Emre Kocuklu

Digitally
Signed

The competent person
SCA Technical Manager
Emre KOCUKLU



Date of Approval : 13.03.2025

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Şti.
Küçükçiftliği Mah. 8785/1.Sokak No:17 Çiğli-İZMİR / TÜRKİYE
Phone: 0090 (232) 489 02 12 Fax: 0090 (232) 489 02 17
www.scaatex.com e-mail: info@scaatex.com

This Certificate May Only Be Reproduced In Its Entirety And Without Change



13) SCHEDULE

14) EU-Type Examination Certificate : SCA25ATEX368X

15) Description of Equipment and/or Protective System:

RL4-XXXX-YB series flameproof lifting height limiter is composed of limit box, limit seat, and screw, internally equipped with lifting limit device. The XXXX in the model description defines transmission speed ratio. Material for the construction of enclosure is gray cast iron. It is suitable for the upper and lower limit position control of crane spreader and the lifting and deceleration limit control, and is an advanced safety protection device for limitation of lifting height.

Technical Parameters

Ambient temperature : -20°C to +40°C
Degree of protection : IP66
Rated voltage : 0-230 VAC, 50/60Hz
Rated current : 5-8 A

Transmission speed ratio	0050	0077	0105	0121	0189	0223
	0294	0472	0512	892	0999	1500

16) Test and Assessment Report B/2024-03-043/01/Rp.02

17) Special Conditions for Safe Use :

- Cable glands used for cable entries on equipment must have to following parameters and certification:
- "Ex db IIC Gb and Ex tb IIIC Db " protection according to EN IEC 60079-0, EN 60079-1, EN 60079-31
- Minimum degree of protection IP 66 according to EN 60529
- Threaded entry size shall be in accordance with technical file and technical drawings

Notes for manufacturing and operation

- The manufacturer shall carry out the routine overpressure test according to EN 60079-1:2014 Clause 16.

18) Essential Health and safety Requirements :

Met by compliance with the standards listed in Section 9 of this certificate.

19) Drawings and Documents :

Technical file WDH24ATEX2402/Rev.00 dated 10.03.2024 includes drawings, safety, maintenance and mounting instructions.

Drawing No	Title	Page	Rev.	Date
70007747	General Assembly	01	00	09.07.2016
910109992	Nameplate	01	00	09.07.2016

Digitally
Signed

The competent person
SCA Technical Manager
Emre KOCUKLU

Date of Approval : 13.03.2025

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