

EU-Type Examination Certificate

(1)

(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres****Directive 2014/34/EU**(3) EU – Type Examination Certificate Number: **IEP 23 ATEX 1201U**(4) Product: **AtaLights Junc Mini XX type – Junction Box**(5) Firm Name: **Labris Maden ve Makina Sanayi AŞ.**(6) Firm Address: **Taşpınar Mahallesi İsmail Gaspıralı Caddesi No:68/1 Gölbaşı, ANKARA - TÜRKİYE**

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

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of 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 Report Nr: IEP.Rp.Ex.10-2471 date 14.04.2023.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with;

EN IEC 60079-0:2018 , EN 60079-1:2014 , EN 60079-31:2014

(10) The sign “U” placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. 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 equipment or protective system shall include the following:

**I M2 Ex db I Mb, IP 65****II 2G Ex db IIB Gb****II 2D Ex tb/IIIC Db****Responsible Person:**

Nurettin Terzioğlu

Head of Certification Body

Date of Issue: 19.04.2023



IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 23 ATEX 1201U**

(15) Description of Equipment:

Ata Lights Junc Mini XX type are suitable for under above and underground mines. The product consists of body (S355;st52 high strength structural steel), gland (d type exproof). There are 3 different models (Mini X2 , Mini X3 , Mini X4) . The cable entry gland of the enclosure is d-type Exproof. (If there is no cable entry, d type blind plug will be used.) To must be used of ground cable 4 mm2 (min) and HD 21.13.S1/HD.22.4.S4. Led Luminaire has been evaluated in the contents of IP 65 according to the EN 60529 standard.

Technical Parameters:

Model	AtaLight Junc Mini		
Type	X2	X3	X4
Entry Definition	2 entries	3 entries	4 entries
Operating Voltage	1100V AC, 400 V DC		
Dimensions	23,45 cm x 13,4 cm x 8,9 cm		
Operating Ambient Temperature	-20 °C ~ +65 °C		

(16) This certificate is in the contents of standards that mentioned invite (9) It has been accepted that AtaLights Junc Mini-XX type Junction Box are manufactured according to the producer instructions and the standards mentioned above.

(17) Information's of mounting instruction manual of 4 pages.

(18) Drawings:

Drawing Nr;	Date;	Drawing Nr;	Date;
LAM-SC-00	27.04.2022	LJM-X2-002-03	11.04.2022
LA-T-001a-0	14.04.2022	LJM-X2-001-09	16.06.2022
LJM-X2-001	14.04.2022	LJM-X2-002-01	12.04.2022
LJM-X2-001-02	14.04.2022	LJM-X2-002-02	16.06.2022
LJM-X2-001-03	28.04.2022	LJM-X2-001-07	26.04.2022
LJM-X2-001-04	12.04.2022	LJM-X2-001-08	28.04.2022
LJM-X2-001-05	26.04.2022	LJM-X2-001-06	11.04.2022

(19) Schedule of limitations

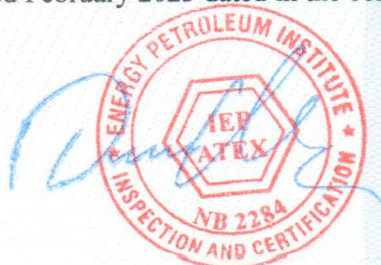
- 19.1 Oil-filled circuit-breakers and contactors shall not be used.
- 19.2 The component is not allowed open any holes on the enclosure.
- 19.3 All unused openings must be sealed with blanking elements certified for Ex db IIB Gb (for dust area Ex tb IIIC Db IP6X) usage.
- 19.4 Installation and maintenance should be done by the authorized person or authorized company according to the manual and related standards.
- 19.5 The temperature for the mine is Max 150 C. It can be reached up to max T4 for above ground.

For the validity of the analysis type certificate, the parts that are used in AtaLights Junc Mini XX type – Junction Box are determined in confirmed February 2023 dated in the component and part list.

Responsible Person:

Nurettin Terzioğlu
Head of Certification Body

Date of Issue: 19.04.2023



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