(1) # EU-Type Examination Certificate

(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 1158X**

(4) Product: **POLEJB X Y Type Connection Box**

(5) Firm Name: **DÜNYAEKS ELEKTRİK MAKİNA MÜH. SAN. ve TİC. LTD. ŞTİ.**

(6) Firm Address: **Mahmutpaşa Mah. Mahmutpaşa Cad. Kardelen Sok. No: 93/D Başiskele İzmit / KOCAELİ – 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.10-2392 date 06.01.2023.

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

EN IEC 60079-0 : 2018 , EN 60079-7 : 2015 , EN 60079-31 : 2014

(10) If the sign " X " is placed after the certificate number, it indicates that the product is subject to Specified 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 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:

II 2G Ex eb IIB T6 Gb
II 2D Ex tb IIIC T(85 °C) Db , IP 66

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

ENERGY PETROLEUM INSTITUTE * IEP ATEX * NB 2284 * INSPECTION AND CERTIFICATION

Date of Issue: 09.01.2023

IEP Uluslararası Enerji Petrol Göz., Sertifikasyon ve Teknik Hiz. Org. Tic. Ltd. Sti.
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This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by ***www.iep.com.tr***.

(13) Schedule/ Certificate Nr: **IEP 23 ATEX 1158X**

(14) Description of Equipment: POLEJB type connection box is used to control and command equipment. Cable gland, on/off switch, emergency stop, Signal Lamp, start/stop button are Ex e type. POLEJB type connection box body made from polycarbonate. To must be used of ground cable 4 mm2 (min) and HD 21.13.S1/HD.22.4.S4. POLEJB type connection box explosion has been evaluated in the contents of IP 66. POLEJB type connection box uses as zone 1, zone 21 are that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard.

Product Coding System:

POLEJB X Y

- Y → Connection type (A: On/Off Switch, ES: Emergency Stop, S: Signal Lamp, B:Start/Stop Button)
- X → Number of connection (10:1 piece, 20:2 piece, 30:3 piece, 40:4 piece)
- POLEJB → Product Type

Technical Parameters:

Type	POLEJB
Voltage	220 / 400 VAC
Frequency	50 - 60 Hz
IP Protection Class	IP 66
Ambient Temperature	-20 °C ~ +50 °C

(IEP 23 ATEX 1158X)X Means: Installation and periodic maintenance should be done according to the user manual and related standards. Installation and maintenance should be done by an authorized firm or personnel. The external components to be used must have ATEX certified e and d type protection class. The certificate becomes invalid if there is an unapproved revision or part replacement.

(15) Essential Health and Safety Requirements: Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction. At the installation and the operation of the POLEJB type connection box has to be observed manufacturer's manual dated 06.11.2022.

(16) Drawings :

Drawing Nr;	**Date;**	**Drawing Nr;**	**Date;**
POL EJB-40-01	06.08.2022	POL EJB-20-01	06.08.2022
POL EJB-40-02	06.08.2022	POL EJB-20-02	06.08.2022
POL EJB-40-03	06.08.2022	POL EJB-20-03	06.08.2022
POL EJB-30-01	06.08.2022	POL EJB-10-01	06.08.2022
POL EJB-30-02	06.08.2022	POL EJB-10-02	06.08.2022
POL EJB-30-03	06.08.2022	POL EJB-10-03	06.08.2022

For the validity of analysis type certificate, the parts that are used in POLEJB type connection box is determined in confirmed in the component and part list table 1-2-3 date 06.11.2022.

Responsible Person:
Nurettin Terzioglu
Head of Certification Body

Date of Issue: 09.01.2023