(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 1176X**

(4) Product: **AExe 4025 and AExe 4026 Type Junction Box**

(5) Firm Name: **METE Enerji Kablo ve Elektrik Malzemeleri San. ve Tic. A.Ş.**

(6) Firm Address: **A.O.S.B 10007 Sokak No:34 35620 Çiğli - İzmir / 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.10-2428 date 02.03.2023.

(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 IIC T6 Gb
II 2D Ex tb IIIC T (85 °C) Db , IP 67

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

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

Date of Issue: 03.03.2023

IEP Uluslararası Enerji Petrol Göz., Sertifikasyon ve Teknik Hiz. Org. Tic. Ltd. Sti.
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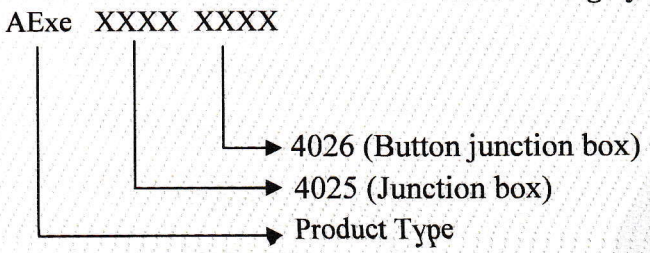
(13) Schedule/ Certificate Nr : **IEP 23 ATEX 1176X**

(14) Description of Equipment: AExe 4025 and AExe 4026 type junction box is used to control and command equipment. AExe 4025 and AExe 4026 type junction box body made from aluminum. To must be used of ground cable 4 mm2 (min) and HD 21.13.S1/HD.22.4.S4. AExe 4025 and AExe 4026 type junction box explosion has been evaluated in the contents of IP 66. AExe 4025 and AExe 4026 type junction 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:



Technical Parameters:

Type	AExe 4025 and AExe 4026
Voltage	12 / 24 / 230 / 380 / 690 VAC
IP Protection Class	IP 67
Ambient Temperature	-20 °C ~ +60 °C

(IEP 23 ATEX 1176X)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 certificate becomes invalid if there is an unapproved revision or part replacement. All components used on and inside the products should be selected in accordance with the protection type, zone area, gas and dust group, and IP protection class.

(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 AExe 4025 and AExe 4026 type junction box has to be observed manufacturer's manual 13 page dated 12.12.2022.

(16) Drawings :

Drawing Nr;	**Date;**
AExe402502 ~ AExe402512	05.11.2022
AExe402514	05.11.2022
AExe402516 ~ AExe402518	05.11.2022
AExe402520 ~ AExe402522	05.11.2022
AExe402524	05.11.2022
AExe402530	05.11.2022
AExe402540	05.11.2022

Responsible Person:
Nurettin Terzioglu
Head of Certification Body

(17) Schedule/ Certificate Nr : **IEP 23 ATEX 1176X**

(18) Drawings :

Drawing Nr;	Date;	Drawing Nr;	Date;
AExe402554	05.11.2022	AExe402610	05.11.2022
AExe402555	05.11.2022	AExe402615	05.11.2022
AExe402556	05.11.2022	AExe402620	05.11.2022
AExe402558	05.11.2022	AExe402621	05.11.2022
AExe402560	05.11.2022	AExe402625	05.11.2022
AExe402562	05.11.2022	AExe402626	05.11.2022
AExe402564	05.11.2022	AExe402630	05.11.2022
AExe402600	05.11.2022	AExe402631	05.11.2022
AExe402605	05.11.2022	AExe402635	05.11.2022
AExe402636	05.11.2022		

(19) Dimensional Size Table:

Type	Most (mm)	Size (mm)	Deep (mm)	Type	Most (mm)	Size (mm)	Deep (mm)
AExe 402502	65	65	40	AExe 402520	190	250	90
AExe 402503	65	100	40	AExe 402521	190	250	110
AExe 402504	80	80	60	AExe 402522	190	350	90
AExe 402554	80	80	73	AExe 402524	250	250	110
AExe 402505	80	130	60	AExe 402530	310	400	140
AExe 402555	80	130	73	AExe 402517H	160	260	90
AExe 402506	100	100	73	AExe 402520H	190	250	90
AExe 402556	100	100	90	AExe 402521H	190	250	110
AExe 402508	100	130	73	AExe 402522H	190	350	90
AExe 402507	80	170	60	AExe 402524H	250	250	110
AExe 402510	80	170	73	AExe 402530H	310	400	140
AExe 402509	80	230	73	AExe 402600	80	80	73
AExe 402558	160	100	80	AExe 402605	80	80	73
AExe 402560	100	200	80	AExe 402610	80	130	73
AExe 402562	120	220	90	AExe 402615	80	130	73
AExe 402511	130	130	90	AExe 402620	80	170	73
AExe 402512	130	190	90	AExe 402621	80	170	73
AExe 402514	130	230	90	AExe 402625	80	170	73
AExe 402564	200	140	90	AExe 402626	80	170	73
AExe 402516	160	160	90	AExe 402630	80	230	73
AExe 402517	160	260	90	AExe 402631	80	230	73
AExe 402518	170	190	90	AExe 402635	80	230	73
AExe 402540	180	180	100	AExe 402636	80	230	73
AExe 402542	180	280	100				

For the validity of analysis type certificate, the parts that are used in AExe 4025 and AExe 4026 type junction box is determined in confirmed in the component and part list table 1-2-3 date 16.12.2022.

Responsible Person:
Nurettin Terzioglu
Head of Certification Body

Date of Issue: 03.03.2023

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