

- (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 24 ATEX 1394X**
- (4) Product: **ExB-B3 and ExB-T4 Type Junction Box**
- (5) Firm Name: **BEMİS Teknik Elektrik A.Ş.**
- (6) Firm Address: **Minareliçavuş Bursa OSB Mah. Yeşil Cad. No: 31 NİLÜFER/ BURSA / 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.10-2800 date 19.04.2024.
- (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



Date of Issue:22.04.2024



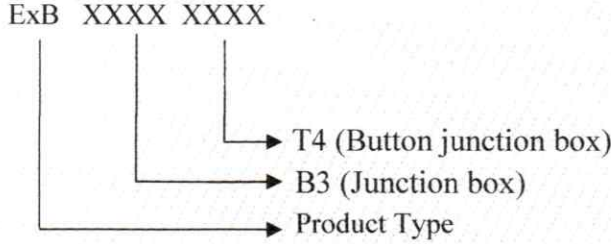


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(13) Schedule/ Certificate Nr : **IEP 24 ATEX 1394X**

(14) Description of Equipment: ExB B3 and ExB T4 type junction box is used to control and command equipment. ExB B3 and ExB T4 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. ExB B3 and ExB T4 type junction box explosion has been evaluated in the contents of IP 67. ExB B3 and ExB T4 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	ExB-B3 and ExB-T4
Voltage	12 / 24 / 230 / 380 / 690 VAC
IP Protection Class	IP 67
Ambient Temperature	-20 °C ~ +60 °C

(IEP 24 ATEX 1394X)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 ExB-B3 and ExB-T4 type junction box has to be observed manufacturer's manual 18 page dated 16.01.2024.

(16)Drawings :

Drawing Nr;	Date;	Drawing Nr;	Date;	Drawing Nr;	Date;
ExBB3001	08.02.2024	ExBB3002	02.02.2024	ExBB3003	02.02.2024
ExBB3004	02.02.2024	ExBB3005	02.02.2024	ExBB3006	02.02.2024
ExBB3007	02.02.2024	ExBB3008	02.02.2024	ExBB3009	02.02.2024
ExBB3010	02.02.2024	ExBB3011	02.02.2024	ExBB3012	02.02.2024
ExBB3013	02.02.2024	ExBB3014	02.02.2024	ExBB3015	02.02.2024
ExBB3016	02.02.2024	ExBB3017	02.02.2024	ExBB3018	02.02.2024
ExBB3019	02.02.2024	ExBB3020	02.02.2024	ExBB3021	02.02.2024

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi

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(17) Schedule/ Certificate Nr : IEP 24 ATEX 1394X

(18) Drawings :

Drawing Nr;	Date;	Drawing Nr;	Date;	Drawing Nr;	Date;
ExBB3023	02.02.2024	ExBB3024	02.02.2024	ExBB3025	02.02.2024
ExBT4026	06.02.2024	ExBT4027	06.02.2024	ExBT4028	06.02.2024
ExBB3029	06.02.2024	ExBT4030	06.02.2024	ExBT4031	06.02.2024
ExBT4032	06.02.2024	ExBT4033	06.02.2024	ExBT4034	06.02.2024
ExBT4035	06.02.2024	ExBT4036	06.02.2024	ExBT4037	06.02.2024
ExBT4038	06.02.2024	ExBT4039	06.02.2024	ExB 040	08.02.2024
ExB 040-1	08.02.2024	ExB 041	08.02.2024	ExB 041-1	08.02.2024

(19) Dimensional Size Table:

Type	Most (mm)	Size (mm)	Deep (mm)	Type	Most (mm)	Size (mm)	Deep (mm)
ExBB3-2103-1017	65	65	40	ExBB3-2183-1067	310	400	140
ExBB3-2113-1017	65	100	40	ExBB3-2190-1067	230	330	140
ExBB3-2131-0087	80	80	60	ExBB3-2160-1047	190	350	90
ExBB3-2131-0097	80	80	73	ExBB3-2170-1057	250	250	110
ExBB3-2231-0097	80	130	73	ExBB3-2180-1067	310	400	140
ExBB3-2531-0107	100	100	75	ExBT4-1001-0007	80	80	60
ExBB3-2123-1107	100	130	75	ExBT4-1001-0017	80	80	73
ExBB3-2331-0097	80	170	73	ExBT4-2001-0007	80	130	73
ExBB3-2431-0097	80	230	73	ExBT4-3001-0007	80	170	73
ExBB3-2631-0047	130	130	90	ExBT4-3001-0017	80	170	73
ExBB3-2731-0047	130	190	90	ExBT4-4001-0007	80	230	73
ExBB3-2133-1047	130	230	90	ExBT4-4001-0017	80	230	73
ExBB3-2143-1047	160	160	90	ExBT4-1071-0007	80	80	60
ExBB3-2153-1047	160	260	90	ExBT4-1071-0017	80	80	73
ExBB3-2831-0047	170	190	90	ExBT4-2071-0007	80	130	73
ExBB3-2931-0047	190	250	90	ExBT4-3071-0007	80	170	73
ExBB3-2163-1047	190	350	90	ExBT4-3071-0017	80	170	73
ExBB3-2193-1067	230	330	140	ExBT4-4071-0007	80	230	73
ExBB3-2173-1057	250	250	110	ExBT4-4071-0017	80	230	73

For the validity of analysis type certificate, the parts that are used in ExB-B3 and ExB-T4 type junction box is determined in confirmed in the component and part list table 1-2-3 date 22.01.2024.

Responsible Person:
Nurettin Terzioglu
Head of Certification Body



Date of Issue: 22.04.2024

