

(1) EU-TYPE EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 2014/34/EU**
- (3) EU-Type Examination Certificate Number

TÜV 11 ATEX 7151 X

Issue: 01

- (4) Equipment: **EJB* Junction Box**
- (5) Manufacturer: **MASHIN SAZI SHOMAL PIROOZ**
- (6) Address: **No. 5, 2nd Baharestan St., pasdaran Ave. Tehran, Iran**
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.
- The examination and test results are recorded in the confidential report 557/Ex151.01/11
- (9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0:2012+A11:2013

EN 60079-1:2014

EN 60079-31:2014

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.
- (12) The marking of the equipment shall include the following:



II 2 G D Ex db IIC T6, T5 or T4 Gb

Ex tb IIIC T85°C, T100°C or T135°C

TÜV Rheinland, Zertifizierungsstelle für Explosionsschutz

Cologne, 2017-07-03

Dipl.-Ing. Andreas Maschke



This EU-Type Examination Certificate without signature and stamp shall not be valid.
This EU-Type Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the
TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114

(13) Annex

(14) **EU Type Examination Certificate**
TÜV 11 ATEX 7151 X Issue: 01

(15) Description of equipment

15.1 Equipment and type:

EJB* Junction Box

15.2 Description / Details of Change

General product information

The EJB* Junction Box comprise an aluminium screw cover enclosure certified under IECEx TUR 11.0018U and TÜV 11 ATEX 7153 U. Internally, the equipment is provided with baseboard mounted bus bars, transformers, circuit breakers, control & operating circuits, fuses, starters & ballasts for discharge lamps, terminals and various electronic apparatus as detailed on the scheduled drawings.

The equipment is manufactured in three sizes, designated as Types EJB10, EJB20 and EJB30 Junction Boxes.

The enclosure walls are provided with threaded entries for the connection of external cables. The enclosure is provided with internal and external earthing facilities.

Details of change:

Standard update of following standards:

EN 60079-0:2009	to	EN 60079-0:2012 +A11:2013
EN 60079-1:2007	to	EN 60079-1:2014
EN 61241-0:2006; EN 61241-1:2004	to	EN 60079-31:2014

Checklists were omitted since there is no mayor technical change with respect to the above listed standards.

Product information adjusted.

The marking is adjusted.

The address of the manufacturer is changed to its original registered name.

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Technical Data

Designation	T _a = -30°C to +55°C			T _a = -20°C to +40°C		
	T6	T5	T4	T6	T5	T4
EJB 10	15	38	87	38	60	111
EJB 20	46	81	188	81	127	232
EJB 30	79	152	326	152	238	412

(16) Test-Report No. 557/Ex151.01/11

(17) Special Conditions for safe use

1. The Cable entry holes shall be fitted with suitably certified cable glands or suitably certified stopping plugs, which are capable of maintaining the IP 66/67 rating of the equipment.
2. The internally mounted components shall not exceed the bounds of the baseboard and shall not exceed 60% of any internal cross-section.

(18) Basic Safety and Health Requirements

Covered by afore mentioned standard

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

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