

(1) EU - Type Examination Certificate

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU
- (3) EU - Type Examination Certificate Number

EPS 18 ATEX 1 058 X

Revision 1

- (4) Equipment: Junction box Type 07-5311-****/****, 07-5312-****/****
- (5) Manufacturer: Bartec Varnost d.o.o.
- (6) Address: Cesta 9, Avgusta
1410 Zagorje ob Savi
Slovenia
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment 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 atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 18TH0151.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013

EN 60079-7:2015+A1:2018

EN 60079-11:2012

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 annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

II 2G Ex eb IIC T6 Gb

II 2G Ex ia IIC T6 Gb

II 2D Ex tb IIIC T80°C Db



Certification department of explosion protection

H. Schaffer

Nuremberg, 2019-03-12

(13)

Annex

(14) **EU - Type Examination Certificate EPS 18 ATEX 1 058 X**

Revision 1

(15) Description of equipment:

The explosion-proof junction box type 07-5311-.... is used for non-portable use for connecting or distributing lines in areas with Zone 1 potential explosion hazards. Enclosure is made by plastic with certified terminals inside. Connection can be made by separately certified cable glands. Enclosure provides IP65 rating according to EN 60529.

Electrical data:

Rated voltage:	max. 690V
Rated current:	max 27A
Rated connectivity	4mm ²
Dimensions (L x B x H)	76 x 76 x 45 mm

Ratings depending on current and ambient temperature for max service and surface temperature 80°C (T6)

Clamps,	Max. Rated (nominal) current:			Ambient temperature range
	1.5mm ²	2.5mm ²	4mm ²	
3 + 1 PE	16A	20A	27A	-20°C to +40°C
4 + 1 PE	16A	20A	27A	-20°C to +40°C
3 + 1 PE	10A	10A	16A	-20°C to +55°C
4 + 1 PE	10A	10A	16A	-20°C to +55°C
Intrinsic safe	2A	2A	2A	-20°C to +70°C
Increased safety	2A	2A	2A	-20°C to +70°C

(16) Reference number: 18TH0151

(17) Special conditions for safe use:

The enclosure is intended for fixed installation where electrostatic charge hazards must be avoided.

For connection and distribution of more than one intrinsic safe circuits the creepage and clearance distances according to Table 5 of IEC 60079-11 shall be assessed depending on voltage.

(18) Essential health and safety requirements:

Met by compliance with standards.

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Nuremberg, 2019-03-12

H. Schaffer

