



EU-TYPE EXAMINATION CERTIFICATE

- (1)
- (2) Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU
- (3) EU-Type Examination Certificate Number: **JSHP 20 ATEX 0029**
- (4) Product: **Junction boxes OZ-E-ATEX**
- (5) Manufacturer: **Radiolex Sp. z o.o.**
- (6) Address: **83-000 Pruszcz Gdański, ul. Przemysłowa 8, Poland**
- (7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) J.S. Hamilton Poland Sp. z o.o., Notified Body no. 2057, in accordance with Article 17 of Directive 2014/34/EU of the 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 No. JSHP/RW/26/20/RM.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- | | | |
|-----------------------------|------------------------------------|--------------------------|
| EN IEC 60079-0:2018 | EN 60079-7:2015+A1:2018 | EN 60079-31:2014 |
| (PN-EN IEC 60079-0:2018-09) | (PN-EN 60079-7:2016-02+A1:2018-03) | (PN-EN 60079-31:2014-10) |
- (10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the specific conditions of 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. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
This certificate is valid in its entirety, schedule(s) included.
- (12) The marking of the product shall include the following:

 **II 2G Ex eb IIC T4 Gb**
 **II 2D Ex tb IIIC T85°C Db**




Damian Wróbel
Kierownik
Jednostki Certyfikującej



(13)

SCHEDULE

(14)

CERTIFICATE No. JSHP 20 ATEX 0029

(15)

Description of product:

OZ-E-ATEX junction boxes are made on the basis of OZ-ATEX enclosures, inside of which, on the DIN rail, increased safety 'e' terminal blocks have been mounted. The enclosures are made of stainless or acid-resistant steel. The cables / wires are carried inside the boxes via certified cable glands of the increased safety "e" protection. Depending on the version, the boxes can be equipped with terminal blocks for connecting wires with a cross section from 2.5 mm² to 16 mm², and their dimensions can be from 150x150x80 mm to 600x200x120 mm. The detailed number of terminals and the permissible cross-section of the connected wire are given in the operating instructions. The junction boxes have internal and external earthing terminals.

OZ-E-ATEX junction boxes include components with their own EC/EU Type Examination Certificates:

- WDU terminal blocks	certificate no.	Demko 14ATEX1338U
- WAGO 20XX-12XX terminal blocks	certificates no.	PTB 03 ATEX 1162U PTB 05 ATEX 1030U PTB 05 ATEX 1031U PTB 05 ATEX 1070U PTB 05 ATEX 1095U
- UT terminal blocks	certificate no.	KEMA 04 ATEX 2048U
- UK terminal blocks	certificates no.	KEMA 98 ATEX 1651U KEMA 98 ATEX 1786U KEMA 06 ATEX 0119U
- OZ-ATEX metal enclosure	certificate no.	OBAC 15 ATEX 0203U

Technical characteristics:

Power supply	500 V AC/DC
Enclosure ingress protection	IP 66
Ambient temperature	-20°C ≤ Tamb ≤ +40°C



Damian Wróbel
Kierownik
Jednostki Certyfikującej



(13)

SCHEDULE

(14)

CERTIFICATE No. JSHP 20 ATEX 0029

Dimension: 150 x 150 x 80 mm
250 x 200 x 100 mm
400 x 200 x 120 mm
600 x 200 x 120 mm

Rated current:

Enclosure OZ-E-ATEX 150x150x80 mm:

15 A – for cross section 2.5 mm²
20 A – for cross section 4 mm²
25 A – for cross section 6 mm²

Enclosure OZ-E-ATEX 250x200x100 mm:

14 A – for cross section 2.5 mm²
18 A – for cross section 4 mm²
22 A – for cross section 6 mm²
30 A – for cross section 10 mm²
40 A – for cross section 16 mm²

Enclosure OZ-E-ATEX 400x200x120 mm:

11 A – for cross section 2.5 mm²
14 A – for cross section 4 mm²
18 A – for cross section 6 mm²
24 A – for cross section 10 mm²
35 A – for cross section 16 mm²

Enclosure OZ-E-ATEX 600x200x120 mm:

8 A – for cross section 2.5 mm²

It is allowed to make junction boxes with intermediate dimensions between the above ones, while maintaining electrical parameters and the number of connectors for the previous dimension.

(16)

Report number:

– JSHP/RW/26/20/RM




Damian Wróbel
Kierownik
Jednostki Certyfikującej



(13)

SCHEDULE

(14)

CERTIFICATE No. JSHP 20 ATEX 0029

(17)

Specific conditions of use:

- not specified

(18)

Essential Health and Safety Requirements:

These requirements (EHSRs) are covered by the standards listed at item 9.

(19)

Drawings and documents:

- Instrukcja obsługi dla skrzynek przyłączeniowych OZ-E-ATEX nr 1/2020 z dnia 13 maja 2020r.
- Dokumentacja techniczna dla skrzynek przyłączeniowych OZ-E-ATEX nr 1/2020 z dnia 13 maja 2020r.

Detailed list of documents required for certified type identification is included in Report mentioned in Clause (16).



Damian Wróbel
Kierownik
Jednostki Certyfikującej