

OZ E ATEX Junction box

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OZ-E-ATEX - is a connection box, wall-mounted in reinforced design, characterised by compact dimensions and possibility of operation in explosive zones. It is available in 4 dimensions in stainless steel (AISI304) and acid resistant steel (AISI316L). The possible connector sizes and quantities are shown in Table 1. The ATEX certificate allows the use of connectors from manufacturers such as PhoenixContact, Weidmuller and WAGO (specific series are included in the certificate).

Type	Corrosivity class	Material / additional description	Coating
OZ-E-ATEX-OH	C4**	stainless steel 1.4301 (AISI 304)	SZLIF
OZ-E-ATEX-KO	C5-I (M)**	stainless steel 1.4404 (AISI 316L)	SZLIF

GENERAL INFORMATION:

- Rated operating voltage: 500V
- Protection class: I
- Tightness according to IP code: 66
- Impact resistance according to IK code: 08
- Operating temperature range: -20 to +40 °C
- Explosion-proof feature of the device:
 - II 2G Ex eb II Gb T4°C**
 - II 2D Ex tb IIIC Db T85°C**
- Meeting the requirements of the following standards: PN-EN 60079-0:2018-09 (EN 60079-0:2018); PN-EN 60079-7:2016-02+A1:2018-03 (EN 60079-7:2015+A1:2018); PN-EN 60079-31:2014-10 (EN 60079-31:2014), confirmed by the JSHP 20 ATEX 0029 test certificate

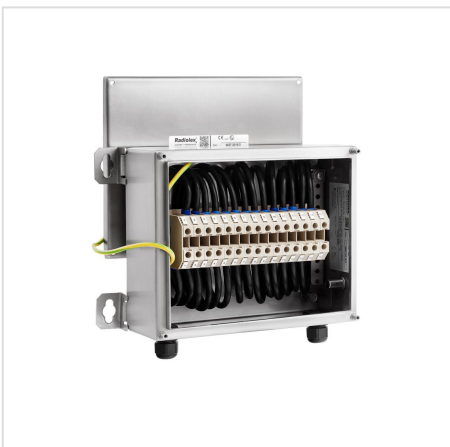
No.	Dimensions (width x height x depth, mm)	Number of allowable through connectors				
		2.5	4	6	10	16
1.	OZ-E-ATEX 150x150x80	18	15	11	-	-
2.	OZ-E-ATEX 250x200x100	37	31	23	19	14
3.	OZ-E-ATEX 400x200x120	65	55	41	33	24

BASIC DATA:

- Body: monoblock type, tightly welded
- Closure: cover closed with four screws
- Grounding: there are threaded grounding studs in the cover and body of the housing
- Other: inside the housing there are perforated angle brackets to which a TS-35 rail or mounting plate can be mounted; the housing is equipped with removable wall brackets

ADDITIONAL OPTIONS:

- Installation of cable glands

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI**DOCUMENTS**

CE declaration of conformity [Kliknij aby pobrać](#)



ATEX Certificate Polish version [Kliknij aby pobrać](#)

 ATEX certificate English version [Kliknij aby pobrać](#)

The table below shows the dimensions of the junction boxes:

No.	Dimensions (width x height x depth, mm)	Catalogue number	
		OZ-E-ATEX-OH	OZ-E-ATEX-KO
1	150 x 150 x 80	117-201.zlacza	117-301.zlacza
2	250 x 200 x 100	117-202.zlacza	117-302.zlacza
3	400 x 200 x 120	117-203.zlacza	117-303.zlacza
4	600 x 200 x 120	117-204.zlacza	117-304.zlacza

