



IZOL PLAST
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ISO 9001
OBAC/002/SZJ/23

INDEX CARD

Angled, oblique universal drain, WUKS type

Application:

Universal angular oblique inlets type WUKS are intended for introducing cables and wires with a circular cross-section into the interior of flameproof electrical devices of group I. Depending on the version (WUKS version 0 - 6), the inlets enable the insertion of cables and wires with a diameter of 34mm to 69mm.

The inlets are made as steel and welded structures.

The sealing of the cable or wire in the inlet is achieved by means of a suitable rubber gasket.

Universal angular oblique inlets type WUKS are mainly intended for the introduction of cables and wires to the flameproof high voltage semi-high voltage type ROK-6 of all types, as well as they can be used to introduce cable cables to flameproof transformer stations without the need to use reduction for WKp type inlets.



The main elements of WUKS inlets are:

- body with an internal seat for a sealing ring, nakładka mocująca,
- clamping cone,
- clamping nut,
- elastomer sealing ring,
- metal washers (2 pcs.),
- base cover (optional).

In addition, in the lower part of the body, there are two sockets for WMg-1 inlets, which are plugged with metal plugs as standard.

If no wire or cable is introduced into the inlet, a suitable metal plug is provided for installation. The inlet is attached to the device with three M16 bolts. There is a flameproof cylindrical-flange joint between the inlet body and the flameproof casing.



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Technical parameters of WUKS inlets:

| | |
|---|-------------------|
| - dimensions: | 420mmx280mmx225mm |
| - weight: | 21 kg |
| - ambient temperature: | -20°C +40°C |
| - working position: | any |
| - level of security: | IP54 |
| - feature of the explosion-proof structure: | Ex d I |
| - ATEX marking: | I M2 |

WUKS inlets series:

| Execution | Conductor diameter range [mm] | Inner diameter of seals [mm] | Inside diameter of washers [mm] | Inside diameter of metal cork [mm] | Inside diameter of clamping cone [mm] |
|-----------|-------------------------------|------------------------------|---------------------------------|------------------------------------|---------------------------------------|
| 0 | Ø64 - Ø69 | Ø69 ^{+0,5} | Ø70 ^{+0,5} | Ø69 ^{+0,5} | Ø64 ^{+0,5} |
| 1 | Ø59 - Ø64 | Ø64 ^{+0,5} | Ø65 ^{+0,5} | Ø64 ^{+0,5} | Ø59 ^{+0,5} |
| 2 | Ø54 - Ø59 | Ø59 ^{+0,5} | Ø60 ^{+0,5} | Ø59 ^{+0,5} | Ø54 ^{+0,5} |
| 3 | Ø49 - Ø54 | Ø54 ^{+0,5} | Ø55 ^{+0,5} | Ø54 ^{+0,5} | Ø49 ^{+0,5} |
| 4 | Ø44 - Ø49 | Ø49 ^{+0,5} | Ø50 ^{+0,5} | Ø49 ^{+0,5} | Ø44 ^{+0,5} |
| 5 | Ø39 - Ø44 | Ø44 ^{+0,5} | Ø45 ^{+0,5} | Ø44 ^{+0,5} | Ø39 ^{+0,5} |
| 6 | Ø34 - Ø39 | Ø39 ^{+0,5} | Ø40 ^{+0,5} | Ø39 ^{+0,5} | Ø34 ^{+0,5} |

| | | |
|---|---|---|
|  <p>ISO 9001 OBAC/002/SZJ/23</p> | <p>IZOL PLAST P.H.P.U.</p> <p>Sp. z o.o. 44-362 Rogów ul. Raciborska 79 tel./fax 32-4512444, 32-4512010 www.izol-plast.rogow.pl</p> | <p style="text-align: center;">INDEX CARD</p> <p style="text-align: center;">Angled, oblique universal drain, WUKS type</p> |
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Certificate:

The universal, angular, oblique, WUKS type inlet has the EU type examination certificate: **KDB 05ATEX189U / 3** of **18.07.2012**, made by the Central Mining Institute, the Certification Body of the Experimental Mine "Barbara" as a supplement to the EU-type examination certificate: **KDB 05ATEX189U** of **June 10, 2005**.

The essential safety and health protection requirements were met by meeting the requirements of the standards:

PN-EN 60079-0:2013,
PN-EN 60079-1:2014.

The universal, angled, oblique, WUKS type inlet is marked in accordance with the EU-type examination certificate as follows:



KDB 05ATEX189U
I M2 Ex d I Mb
1461