

Safe together

The new EX BES earthing pipe clamp augments the OBO portfolio for equipotential bonding in potentially explosive areas



Ignition spark-free lightning protection
equipotential bonding – indoor and outdoor
application

The new earthing pipe clamp for Ex areas augments the OBO portfolio for equipotential bonding in potentially explosive areas. Like the EX BES, the EX PAS equipotential busbar has been independently tested in compliance with VDE 0185-561-1 (EN / IEC 62561-1) and independently certified for every explosion group in Ex zones 1/21 and 2/22.

Safe together

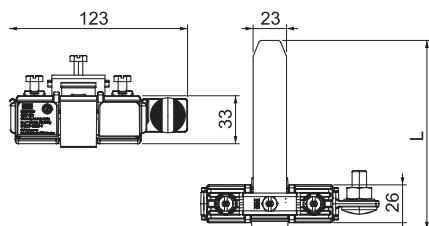
Earthing pipe clamp for Ex zones 1/21, 2/22



For ignition spark-free protective and functional equipotential bonding compliant with DIN VDE 0100-410/-540 and ignition spark-free lightning protection equipotential bonding compliant with VDE 0185-305 (IEC 62305) in systems built according to VDE 0165-1 (IEC/ EN 60079-14)

- For pipes of 6–500 mm outer diameter
- Usable in potentially explosive areas, Ex zones 1 and 2/ 21 and 22
- Tested to explosion group IIC
- Lightning current carrying capacity class H (100 kA) as defined in VDE 0185-561-1 (IEC/EN 62561-1)
- UV-stabilised and halogen-free plastic hood
- Screws prevented from loosening as defined in VDE 0185-305-3 Supplement 2
- Suitable for indoor and outdoor applications

Measurements



Type	Size L mm	for pipe Ø mm	Lightning current carrying capacity	Pack. pcs.	Weight kg/100 pcs.	Item no.
EX BES 28	215	6-28	H/100	1	30.580	5057630
EX BES 300	1170	28-300	H/100	1	35.800	5057640
EX BES 500	1800	300-500	H/100	1	39.430	5057645

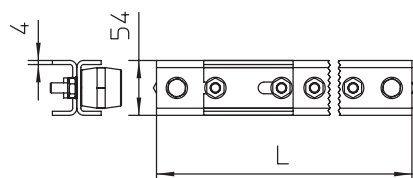
Equipotential busbar for Ex zones 1/21, 2/22



For ignition spark-free protective and functional equipotential bonding compliant with DIN VDE 0100-410/-540 and ignition spark-free lightning protection equipotential bonding compliant with VDE 0185-305 (IEC 62305) in systems built according to VDE 0165-1 (IEC/ EN 60079-14)

- Usable in potentially explosive areas, Ex zones 1 and 2/ 21 and 22
- Tested to explosion group IIC
- Lightning current carrying capacity class H (100 kA) as defined in VDE 0185-561-1 (IEC/EN 62561-1)
- UV-stabilised and halogen-free insulator foot
- Spring washer to prevent screws from loosening, as defined in VDE 0185-305-3 Supplement 2
- Suitable for indoor and outdoor applications

Measurements



Type	No. of connections	Width mm	Length mm	Height mm	Lightning current carrying capacity	Pack. pcs.	Weight kg/100 pcs.	Item no.
EX PAS 5	5	54	279	4	H/100	1	152.000	5015265
EX PAS 10	10	54	441	4	H/100	1	214.000	5015270

V2A Stainless steel, rustproof 1.4301

Tensioner



For tightening earthing pipe clamps and earthing strip clips.

Type	Size L mm	Size L mm	Pack. pcs.	Item no.
927 BES VSW 25	153	73	1	5057690

V2A Stainless steel, rustproof 1.4301

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