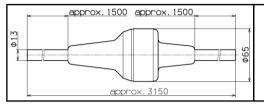
ISOLATING SPARK GAPS





Dimension drawing EXFS KU

EXFS KU: Ex isolating spark gap with connecting cables for aboveground and underground installation

- For indirect connection/earthing of functionally separate parts of installations when being affected by lightning
- Device for lightning equipotential bonding acc. to IEC 62305 in hazardous areas (Zone 2)
- Corresponds to "ATEX Directive" 94/9/EC
- Corrosion-resistant enclosure made of zinc die casting with plastic cover and flexible conductor connection
- For bridging insulating pieces, insulating flanges etc. in pipe sections with cathodic corrosion protection
- · Highly loadable unit

	EXFS KU	
Lightning impulse current (10/350 μs) [I _{imp]}	50 kA	
Classfication of lightning current carrying capability acc. to EN 50164-3	N	
Nominal discharge current (8/20 µs) [I _{n]}	100 kA	
Rated power-frequency withstand voltage (50 Hz) [UW/AC]	300 V	
100% Lightning impulse sparkover voltage [Urimp]	≤ 2.5 kV	
Power frequency sparkover voltage (50 Hz) [Uaw]	≤ 1.2 kV	
Type of protection acc. to EN 50014, EN 50021	II 3 G EEx nC II T4	
Operating temperature range [T _U]	-20°C+80°C	
Degree of protection	IP 67	
Approvals, Certifications	ZELM 03 ATEX 3192X	
Length of enclosure	90 mm	
Diameter of enclosure	63 mm	
Enclosure material	zinc die casting, plastic	
Connecting cable	NYY-J-1x25 mm ²	
Cable length	2 x approx. 1500 mm	
Ordering information	-	
Туре	EXFS KU	
Part No.	923 019	
Packing unit	1pcs.	



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.