



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 $\mu$ s) [ $I_{imp}$ ]	50 kA
Classification of lightning current carrying capability acc. to EN 50164-3	N
Nominal discharge current (8/20 $\mu$ s) [ $I_n$ ]	100 kA
Rated power-frequency withstand voltage (50 Hz) [ $U_{W/AC}$ ]	300 V
100% Lightning impulse sparkover voltage [ $U_{rimp}$ ]	$\leq 2.5$ kV
Power frequency sparkover voltage (50 Hz) [ $U_{aw}$ ]	$\leq 1.2$ 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	NYJ-J-1x25 mm <sup>2</sup>
Cable length	2 x approx. 1500 mm

**Ordering information**

Type	EXFS KU
Part No.	923 019
Packing unit	1 pcs.



Thank you for reading this data sheet.

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



**UK Office**

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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.