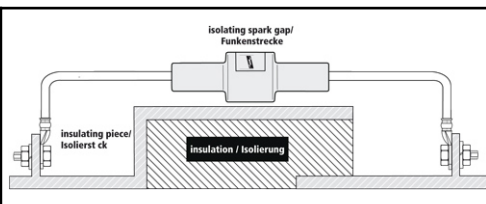


Dimension drawing EXFS 100 KU



Installation of EXFS 100 KU



EXFS 100 KU: Ex isolating spark gap with connecting cable for aboveground and underground installation

- For indirect connection/earthing of functionally isolated installation components when being affected by lightning
- Device for lightning equipotential bonding according to IEC 62305 in explosion-hazard areas
- For bridging insulating pieces, insulating flanges etc. in cathodically corrosion-protected pipe sections
- For safe application in explosion protected zone 1 (gases) or 21 (dusts)
- Especially low sparkover voltage
- Especially high a.c. current withstand capability

EXFS 100 KU	
Lightning impulse current (10/350 μ s) [I_{imp}]	100 kA
Class of lightning impulse current strength acc. to EN 50164-3	H
Nominal discharge current (8/20 μ s) [I_n]	100 kA
Rated power-frequency withstand voltage (50 Hz) [U_W/AC]	250 V
100% Lightning impulse sparkover voltage [U_{rimp}]	≤ 1.25 kV
Power-frequency sparkover voltage (50 Hz) [U_{aw}]	≤ 0.5 kV
Rated discharge current (50 Hz) [I_{max}]	500 A / 0.5 sec. ($T_U: \leq 45^\circ C$)
(Ex) Marking acc. to EN 60079 (gases)	II 2G Ex d IIC T6
(Ex) Marking according to EN 61241 (combustible dust)	II 2D Ex tD A21 IP 67 T 80°C
Operating temperature range [T_U]	$-20^\circ C \dots +60^\circ C$
Degree of protection	IP 67
Approvals, Certifications	BVS 06 ATEX E 099
Length of enclosure	123 mm
Diameter of enclosure	34 mm
Enclosure material	plastic coating; water-proof coating
Connection of enclosure	NY-Y-J-1x25 mm ² , approx. 2 m long
Ordering information	
Type	EXFS 100 KU
Part No.	923 101
Packing unit	1 pcs.

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.